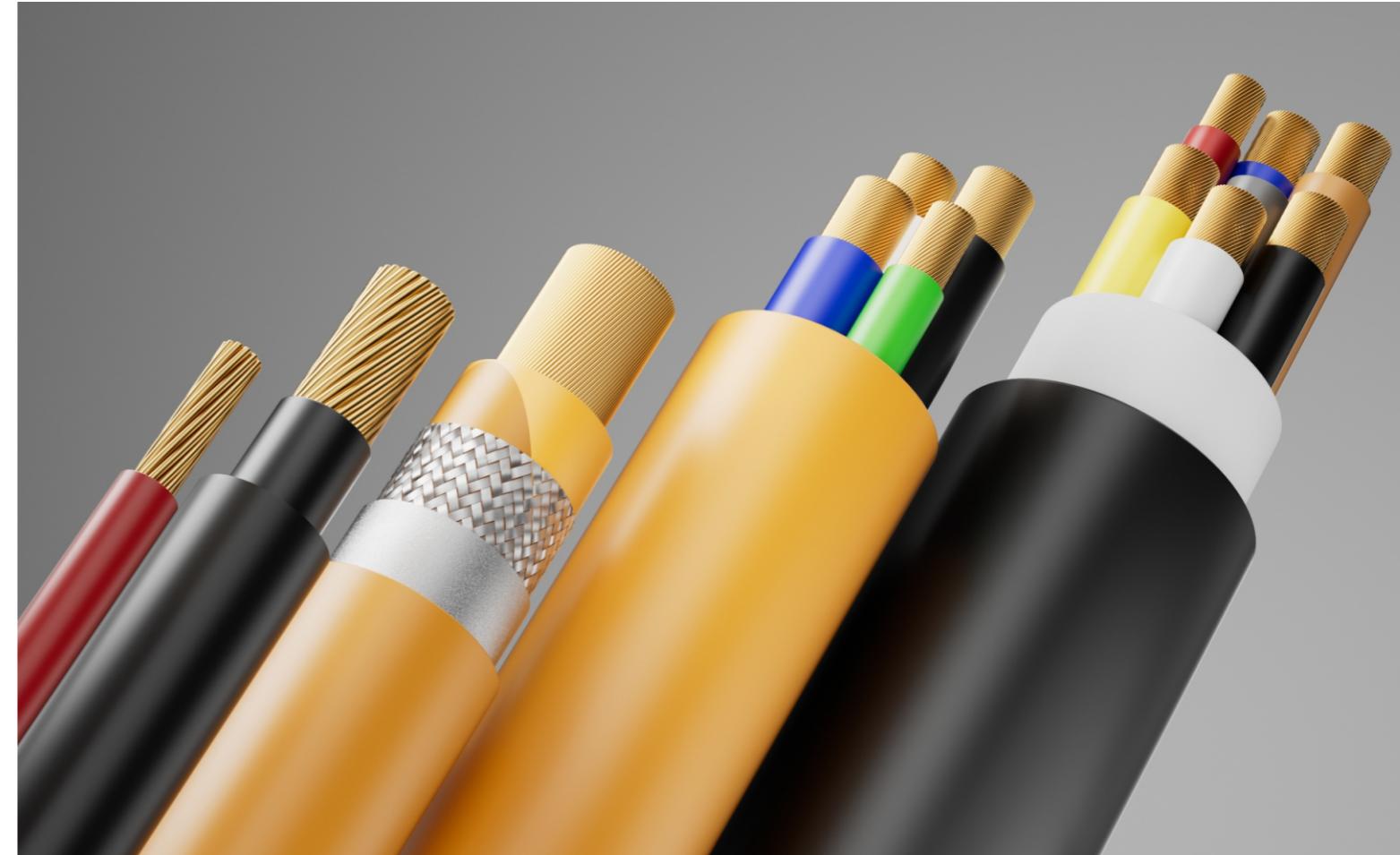




丹阳市伟鹤祥线缆制造有限公司

DANYANG WINPOWER WIRE & CABLE MFG CO.,LTD



光伏

Photovoltaics System

储能专用线缆

Battery Energy Storage

充电桩线缆

Energy Storage Harness

EV线

EV Wire



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丹阳市伟鹤祥线缆制造有限公司
DANYANG WINPOWER WIRE & CABLE MFG CO.,LTD



COMPANY PROFILE

公司简介



丹阳市伟鹤祥线缆制造有限公司是一家知名的专业电子线制造企业。地处长江三角洲，交通便利（距离海关3公里）。目前占地17000平米，拥有4万平方米现代化生产厂房。

伟鹤祥线缆具备50万公里线缆的年生产能力，拥有行业先进的50.60.70.80.90.100的生产押出机，500.630各类高速绞线机，高速单绞机，高速成缆机，编织机组成的整套先进线缆生产流水线。企业拥有齐全的实验设备，可严格把控产品质量。

企业严格执行ISO9001, TS16949, CCC等企业体系认证要求，同时获得美国UL, 美国CSA, 德国TUV, 德国VDE, 欧盟CE等国际认证。另外企业拥有各项专利和发明专利25件。

伟鹤祥线缆有限公司是一家万物互联智慧系统联接解决方案提供商，专注于信息网络、数据交换与能源输送的互联领域，从事特种线缆、线束与连接器的研发制造、销售服务与系统方案输出，为太阳能光伏、风能发电、新能源汽车、AI机器人、航空航天、高端医疗、高端装备制造、5G及通讯电子等行业提供连接用线及配套产品。

伟鹤祥线缆有限公司拥有自主进出口经营权，其产品主要出口亚洲，欧洲，美洲，东南亚，非洲等几十个国家和地区，已与多家国际性企业达成战略合作协议。

伟鹤祥线缆坚持高技术、高质量、高水平的产业方针，始终坚持与国际新能源市场同步开发和生产新产品，并同步升级。

客户的满意将是我们前进和发展的方向。品质和服务是我们永恒的追求。

占地面积 Floor Space
17000 m² 平米

现代化厂房 Modern Factory Building
40000 m² 平米

获得多项企业体系认证

ISO9001
TS16949
CCC

获得多项国际认证

美国 USA **UL** **CSA**
德国 GER **TUV** **VDE**
欧盟 EU **CE**



伟鹤祥联合制造合作伙伴

Winpower Joint Manufacturing Partner

(浙江佳慧线缆有限公司)
(Zhejing Jiahui Wire&Cable Co., Ltd)

(江苏有力电子有限公司)
(Jiangsu Youli Electronics Co., Ltd.)





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光伏系统用连接电缆

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储能系统用连接电缆 (UL)

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Connecting Cables for Energy Storage Systems (UL)

高压汽车线

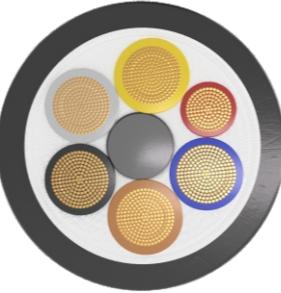
- | | | |
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| 46 QBJ-C/D/E | 48 FHLR2X EV-YJ/SIR | 50 FHLR2XCB2X EVP-YJ/SIR |
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High-voltage vehicle wires



Charging pile cable 充充电桩电缆

EV-S90S90



电缆结构

导体:绞合的退火裸软铜线
绝缘体:90°C TPE
外护套:90°C TPE

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 90°C TPE
Sheath: 90°C TPE

电缆特性

使用温度:-40°C~+90°C
额定电压:450/750V
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接,柔
软易弯曲

Brief introduction

Used for the connection between new energy electric vehicle charging devices and
charging infrastructure, flexible

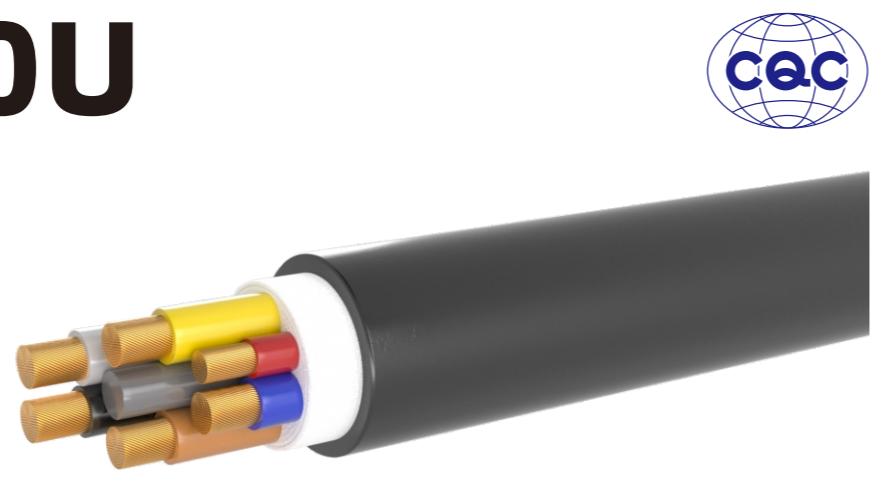
电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: GB/T 33594

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation	护套 Sheath		
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)				
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.8 0.5	3.9 2.2	1.9	12.6
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.8 0.5	3.9 2.2	2.1	15.0
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	1.0 0.5	5.4 2.2	2.2	16.3
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	1.0 0.5	5.4 2.2	2.5	20.0

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

EV-S90U



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 90°C TPE
外护套: 90°C TPU

电缆特性

使用温度: -40°C~+90°C
额定电压: 450/750V
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 90°C TPE
Sheath: 90°C TPU

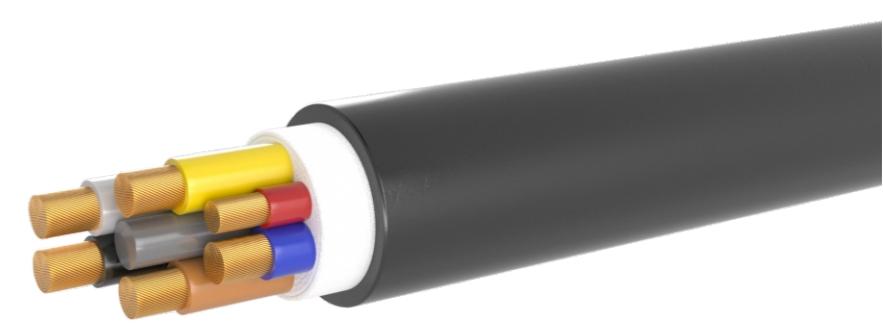
Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

EV-EYU



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 105°C XLPO
外护套: 90°C TPU

电缆特性

使用温度: -40°C~+90°C
额定电压: 450/750V
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Sheath: 90°C TPU

Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: GB/T 33594

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.8 0.5	3.9 2.2	1.1	11.4
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.8 0.5	3.9 2.2	1.3	13.8
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	1.0 0.5	5.4 2.2	1.3	15.0
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	1.0 0.5	5.4 2.2	1.5	18.6

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: GB/T 33594

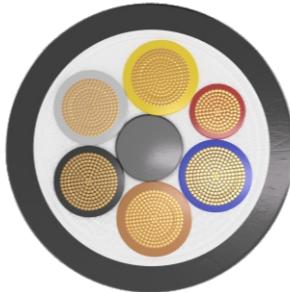
线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.1	10.5
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.2	13.2
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.2	13.2
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.4	16.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

EVDC-EYU



EVC H05BZ5-F



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 105°C XLPO
屏蔽层: 镀锡铜丝编织
外护套: 90°C TPU

电缆特性

使用温度: -40°C~+90°C
额定电压: DC1.0kV、DC1.5kV
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Screen: Tinned copper wires braided
Sheath: 90°C TPU

Features

Using temperature: -40°C~+90°C
Rated voltage: DC1.0kV, DC1.5kV
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 105°C XLPO
外护套: 90°C TPU

电缆特性

使用温度: -40°C~+90°C
额定电压: 450/750V
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Sheath: 90°C TPU

Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

电缆结构表 The Structure of UL Cable

参考标准 Refer to: GB/T 33594

线材规格 Style of the cable (mm ²)	主线导体 Conductor			护套 Sheath	
	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
2×10+10+2×4+P(2×0.75)+P(8×0.75)	4.5	1.91	40	1.3	26
2×16+16+2×4+P(2×0.75)+P(8×0.75)	5.8	1.21	65	1.5	28.5
2×25+25+2×4+P(2×0.75)+P(8×0.75)	7.2	0.780	100	1.7	32
2×35+25+2×4+P(2×0.75)+P(8×0.75)	8.5	0.554	125	1.9	34
2×50+25+2×4+P(2×0.75)+P(8×0.75)	10.5	0.386	150	2.2	36
2×70+25+2×4+P(2×0.75)+P(8×0.75)	12.5	0.272	200	2.5	38
2×95+25+2×4+P(2×0.75)+P(8×0.75)	14.8	0.206	300	2.7	41.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

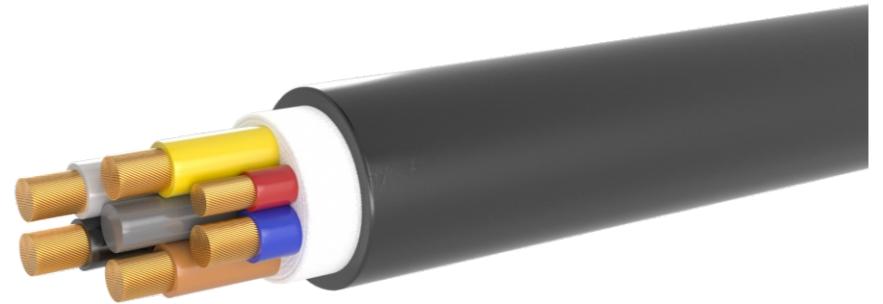
电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: EN 50618

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.1	10.5
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.2	13.2
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.2	13.2
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.4	16.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

EVC H07BZ5-F



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 105°C XLPO
外护套: 90°C TPU

电缆特性

使用温度: -40°C~+90°C
额定电压: 450/750V
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Sheath: 90°C TPU

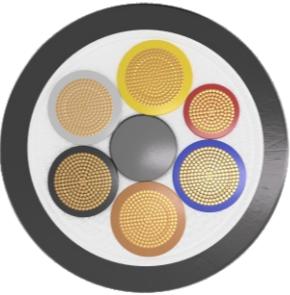
Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

62893 IEC 121



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 105°C XLPO
外护套: 90°C TPU

电缆特性

使用温度: -40°C~+90°C
额定电压: 450/750V
通过IEC 60332-1-2测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Sheath: 90°C TPU

Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: EN 50618

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.1	10.5
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.2	13.2
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.2	13.2
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.4	16.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

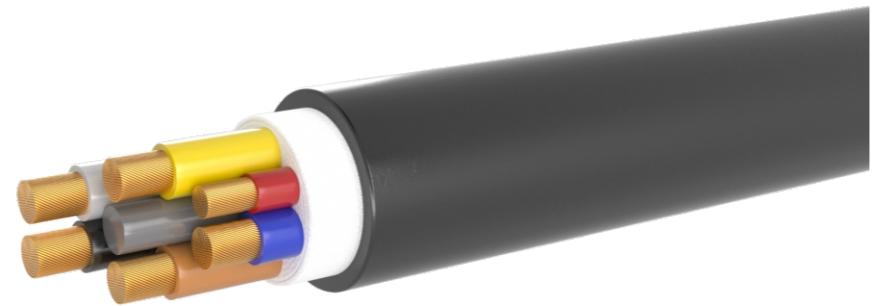
电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: IEC62893:2017

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.1	10.5
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.2	13.2
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.2	13.2
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.4	16.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

62893 IEC 123



电缆结构

导体:绞合的退火裸软铜线
绝缘体:105°C XLPO
外护套:90°C TPU

电缆特性

使用温度:-40°C~90°C
额定电压:450/750V
通过IEC 60332-1-2测试,良好的抗延燃性
弯曲半径≥6×OD,易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接,柔
软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Sheath: 90°C TPU

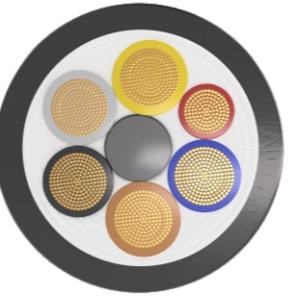
Features

Using temperature: -40°C~+90°C
Rated voltage: 450/750V
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and
charging infrastructure, flexible

62893 IEC 126



电缆结构

导体:绞合的退火裸软铜线
绝缘体:105°C XLPO
屏蔽层:镀锡铜丝编织
外护套:90°C TPU

电缆特性

使用温度:-40°C~90°C
额定电压:DC1.0kV、DC1.5kV
通过IEC 60332-1-2测试,良好的抗延燃性
弯曲半径≥6×OD,易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接,柔
软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C XLPO
Screen: Tinned copper wires braided
Sheath: 90°C TPU

Features

Using temperature: -40°C~+90°C
Rated voltage: DC1.0kV、DC1.5kV
Flame test: IEC 60332-1-2
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and
charging infrastructure, flexible

电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: IEC62893:2017

线材规格 Style of the cable (mm²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.1	10.5
5*2.5+1*0.75	80/0.20AS 41/0.15AS	2.1 1.1	16	0.7 0.5	3.7 2.2	1.2	13.2
3*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.2	13.2
5*6+1*0.75	190/0.20AS 41/0.15AS	3.2 1.1	32	0.7 0.5	4.8 2.2	1.4	16.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

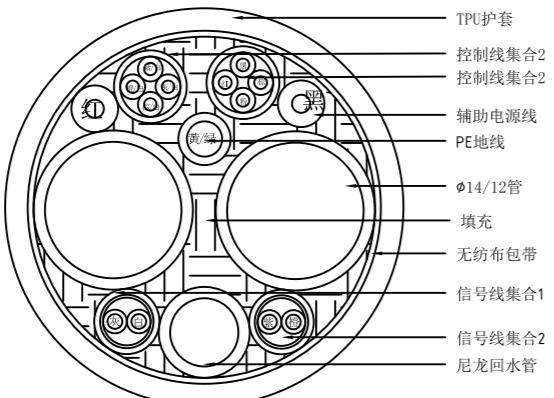
电缆结构表 The Structure of UL Cable

参考标准 Refer to: IEC 62893-4

线材规格 Style of the cable (mm²)	主线导体 Conductor			护套 Sheath	
	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
2×10+10+2×4+P(2×0.75)+P(8×0.75)	4.5	1.91	40	1.3	26
2×16+16+2×4+P(2×0.75)+P(8×0.75)	5.8	1.21	65	1.5	28.5
2×25+25+2×4+P(2×0.75)+P(8×0.75)	7.2	0.780	100	1.7	32
2×35+25+2×4+P(2×0.75)+P(8×0.75)	8.5	0.554	125	1.9	34
2×50+25+2×4+P(2×0.75)+P(8×0.75)	10.5	0.386	150	2.2	36
2×70+25+2×4+P(2×0.75)+P(8×0.75)	12.5	0.272	200	2.5	38
2×95+25+2×4+P(2×0.75)+P(8×0.75)	14.8	0.206	300	2.7	41.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

62893 IEC 129



电缆应用

通过将导体直接包覆在冷却管上，通过冷却泵的循环散热直接冷却导体来提高载流量。液冷枪的端子是经过特殊设计的循环系统，既保证了液体的循环冷却，又保证了绝缘的安全性。这种形式的冷却电缆冷却效果极佳，可以实现3-5倍普通充电桩电缆的超大载流。产品符合IEC62893-4-2标准及认证，符合IEC61851-1模式4的要求且与热管理系统一起使用的直流充电电缆。电缆使用场景一般使用于集中式充电站、大型停车场、酒店、车库等区域。

产品特点

产品设计基于IEC 62196-3直流充电桩用液冷电缆。属于一种集成电缆，电缆结合充电桩配置有DC+/DC-液冷电缆(铜包水结构)各一根，地线一根，控制线一根，信号线若干。充电过程中通过直接冷却导体方式进行冷却，提高冷却效率，从而达到超快充电效果。

产品描述

结构

1. 导体: 裸铜
2. 绝缘: EVI-1
3. 颜色: 黑, 红, 绿色/黄色等。
4. 回流管材质: 热传导性橡胶软管
5. 填充: 阻燃PP填料或棉纱
6. 包带: 无纺布
7. 护套: TPU
8. 颜色: 黑色

Brief introduction

The current carrying capacity is increased by directly coating the conductor on the cooling tube and cooling the conductor directly by circulating heat dissipation of the cooling pump. The terminal of the liquid cooling gun is a specially designed circulation system, which not only ensures the circulation cooling of the liquid, but also ensures the safety of the insulation. This form of cooling cable has excellent cooling effect and can achieve 3-5 times the large current carrying capacity of ordinary charging pile cables.

The product complies with the IEC62893-4-2 standard and certification, meets the requirements of IEC61851-1 mode 4 and is used with the thermal management system.

Cable usage scenarios are generally used in centralized charging stations, large parking lots, hotels, garages and other areas.

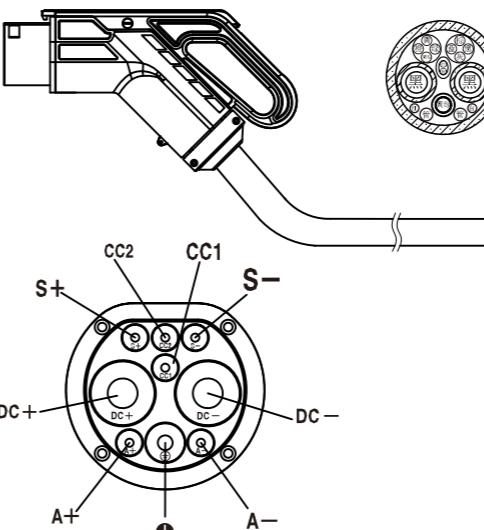
Product Features

The product design is based on the IEC 62196-3 liquid-cooled cable for DC charging guns. It belongs to an integrated cable, and the cable combined with the charging gun is configured with a DC+/DC- liquid cooled cable (copper clad water structure), one ground cable, one control group, and several signal lines. In the charging process, the direct cooling conductor is cooled to improve the cooling efficiency, so as to achieve ultra-fast charging efficiency.

Product Description

Construction

1. Conductor: Bare Copper
2. Insulation: EVI-1,
3. Main core color: Black, red, Green/Yellow, etc.
4. Reflux tube material: Heat conductive rubber hose
5. Filler: Flame retardant PP filler or cotton yarn
6. Tape: Non-woven fabrics
7. Sheath: TPU
8. Color: Black



电缆特性

1. 额定温度: -40°C ~ 90°C
2. 额定电压: 1000V DC
3. 阻燃性能: EN 60332-1-2
4. 最小弯曲半径: 6×OD
5. 耐压: AC 3.5kV/15min
6. 低温弯曲: -40°C/4h No cracks
7. 耐油: IRM902 100°C/168h 拉伸伸长率 260%
8. 最高功率下线材表面温度 30-40°C
9. 耐气候: 720h in 氯气弧气象仪无裂纹
10. 环保等级: RoHS and REACH
11. 环保等级: RoHS and REACH

Features

1. Rated temperature: -40°C ~ 90°C
2. Rated Voltage: 1000V DC
3. Flame Test: Testing method according to EN 60332-1-2
4. Min Bending Radius: 6×OD
5. Dielectric Voltage: AC 3.5kV/15min. No Breakdown
6. Cold Bending: -40°C/4h No cracks
7. Oil Resistance: IRM902, 100°C/168h Tensile and Elongation 260%
8. The wire surface temperature at the highest power is 30-40°C
9. Weather Resistance: 720h in xenon arc weatherometer No cracks
10. Environmental Requirements: Compliant with RoHS and REACH
11. Environmental Requirements: Compliant with RoHS and REACH

液冷充电桩电缆

产品符合标准 | Products Comply With Standards: IEC 62893-4-2 IEC62196-3:2022 EN50620

型号 Type	规格 Specification	回流管外径 Blank pipe OD mm Ref	额定电流 Permissible capacity A (Ref.)	完成外径 Over diameter Ref. mm	包装 acking M/Reel (Ref.)
62893 IEC 129	2x16+25+nx(0.5-1.5)+回流管 2x25+25+nx(0.5-1.5)+回流管 2x35+25+nx(0.5-1.5)+回流管	Φ6 Φ6 Φ8	150A 500A 600A	24 28 36-38	按订单或商定 As per PO or agreement

备注:

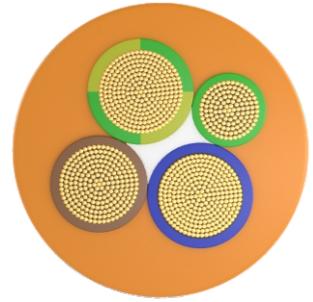
1. 信号线芯数范围 0-10芯
2. 回流管数量可定制;
3. 冷却介质为客户端定义

Note:

1. signal line range 0-10cores;
2. the number of reflux tubes according to customer requirements
3. Cooling medium is defined by the client.

以上产品规格、尺寸、结构为标准型号参考值，同类规格可根据客户使用需求进行设计制造。

The specification, Specification, structure of above product may be changed due to technical progress, similar specifications are available according to customer's requirements.

EVE**电缆结构**

导体: 绞合的退火裸软铜线
绝缘体: 105°C TPE
外护套: 105°C TPE

电缆特性

使用温度: -40°C~+105°C
额定电压: 600V
通过VW-1测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

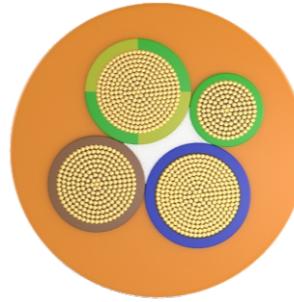
Conductor: Annealed soft bare copper
Insulation: 105°C TPE
Sheath: 105°C TPE

Features

Using temperature: -40°C~+105°C
Rated voltage: 600V
Flame test: VW-1
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

EVJE**电缆结构**

导体: 绞合的退火裸软铜线
绝缘体: 105°C TPE
外护套: 105°C TPE

电缆特性

使用温度: -40°C~+105°C
额定电压: 300V
通过VW-1测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 105°C TPE
Sheath: 105°C TPE

Features

Using temperature: -40°C~+105°C
Rated voltage: 300V
Flame test: VW-1
Bending radius: no less than 6 times the cable diameter

Brief introduction

Used for the connection between new energy electric vehicle charging devices and charging infrastructure, flexible

电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL2263

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3x16AWG+1x18AWG	26/0.254AS 41/0.16AS	1.51 1.18	12 0.76	0.76 2.8	3.15 2.03	11.7	
3x14AWG+1x18AWG	41/0.254AS 41/0.16AS	1.88 1.18	16 0.76	1.14 2.8	4.4 2.03	14.1	
3x12AWG+1x18AWG	65/0.254AS 41/0.16AS	2.36 1.18	23 0.76	1.14 2.8	4.8 2.03	14.9	
3x10AWG+1x18AWG	105/0.254AS 41/0.16AS	3.22 1.18	32 0.76	1.14 2.8	5.7 2.03	16.6	
2x8AWG+1x10AWG +1x18AWG	168/0.254AS 105/0.254AS 41/0.16AS	4.26 3.22 1.18		1.52 1.14 0.76	7.4 5.7 2.8		
2x6AWG+1x8AWG +1x18AWG	266/0.254AS 168/0.254AS 41/0.16AS	5.35 4.26 1.18		1.52 1.14 0.76	8.5 7.4 2.8		
2x4AWG+1x6AWG +1x18AWG	420/0.254AS 266/0.254AS 41/0.16AS	6.5 5.35 1.18		1.52 1.52 0.76	9.8 8.5 2.8		

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

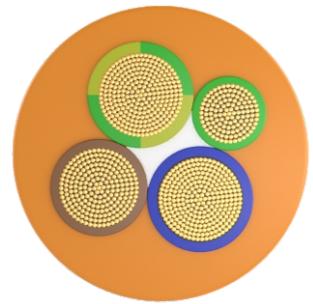
电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to:UL 2263:2022

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
3x16AWG+1x18AWG	26/0.254AS 41/0.16AS	1.51 1.18	12	0.76	3.15 2.03	11.7	0.76
3x14AWG+1x18AWG	41/0.254AS 41/0.16AS	1.88 1.18	16	0.76	3.55 2.03	14.1	0.76
3x12AWG+1x18AWG	65/0.254AS 41/0.16AS	2.36 1.18	23	0.76	4.0 2.03	14.9	0.76

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

EVT



电缆结构

导体:绞合的退火裸软铜线
绝缘体:105°C PVC
外护套:105°C PVC

电缆特性

使用温度:-40°C~+105°C
额定电压:600V
通过VW-1测试, 良好的抗延燃性
弯曲半径≥6×OD, 易于安装

电缆应用

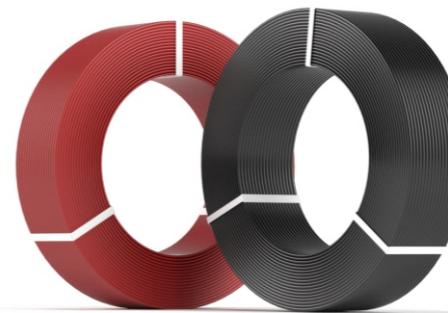
用于新能源电动汽车充电装置与充电基础设施的连接, 柔软易弯曲

电池连接电缆结构表 The Structure of UL Cable

线材规格 Style of the cable (mm ²)	主线导体 Conductor			绝缘 Insulation		护套 Sheath		参考标准 Refer to: UL 2263
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	参考载流量 Current carrying capacity (A)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)	
3x16AWG+1x18AWG	26/0.254AS 41/0.16AS	1.51 1.18	12	0.76 0.76	3.15 2.8	2.03	11.7	
3x14AWG+1x18AWG	41/0.254AS 41/0.16AS	1.88 1.18	16	1.14 0.76	4.4 2.8	2.03	14.1	
3x12AWG+1x18AWG	65/0.254AS 41/0.16AS	2.36 1.18	23	1.14 0.76	4.8 2.8	2.03	14.9	
3x10AWG+1x18AWG	105/0.254AS 41/0.16AS	3.22 1.18	32	1.14 0.76	5.7 2.8	2.03	16.6	
2x8AWG+1x10AWG +1x18AWG	168/0.254AS 105/0.254AS 41/0.16AS	4.26 3.22 1.18	46	1.52 1.14 0.76	7.4 5.7 2.8	3.17	21.6	
2x6AWG+1x8AWG +1x18AWG	266/0.254AS 168/0.254AS 41/0.16AS	5.35 4.26 1.18		1.52 1.14 0.76	8.5 7.4 2.8	3.17	24.2	
2x4AWG+1x6AWG +1x18AWG	420/0.254AS 266/0.254AS 41/0.16AS	6.5 5.35 1.18		1.52 1.52 0.76	9.8 8.5 2.8	3.17	27.0	

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

TUV PV1-F



产品认证

TÜV莱茵2pfg 1169 PV1-F 1×1.5mm²~35mm²(多色谱)

电缆结构

导体:绞合的退火镀锡软铜线
绝缘:辐照交联聚烯烃
护套:辐照交联聚烯烃

技术参数

额定电压:交流UO/U=600/1000VAC, 直流1800VDC
成品电压测试:交流6.5kV, 直流15kV, 5min
环境温度:-40°C~+90°C
导体最高温度:+120°C 5秒
使用寿命:>25年(-40°C~+90°C)
参考短路允许温度:200°C 5秒
弯曲半径: ≥4xΦ (D<8mm)
≥6xΦ (D≥8mm)
耐酸碱测试:EN60811-2-1
冷弯实验:EN60811-1-4
耐日光测试:HD605/A1
成品电缆耐臭氧测试:EN50396
阻燃测试:IEC60332-1
烟密度:IEC61034, EN50268-2
卤酸释放量:IEC670754-1 EN50267-2-1
Resistance against acid and alkaline solution: EN60811-2-1
Cold bending test:EN60811-1-4
Weathering/UV-resistance: HD605/A1
O-zone resistance at complete cable:EN50396
Flame test: IEC60332-1
Smoke density: IEC61034, EN50268-2
Content of halogen acid gas: IEC670754-1 EN50267-2-1

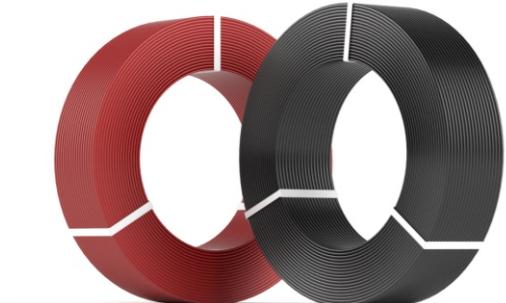
电缆结构表 The Structure of Cable

导体截面积 Cross section (mm ²)	导体结构 Conductor construction (No./mm)	导体绞合最大外径 Conductor Stranded OD.max(mm)	成品外径 Cable OD. (mm)	最大导体电阻 Max Cond Resistance (Ω/km, 20°C)	**载流量 Current carrying Capacity AT 60°C (A)
1.5	30/0.25	1.58	4.90	13.7	30
2.5	49/0.25	2.02	5.40	8.21	41
4.0	56/0.285	2.50	6.10	5.09	55
6.0	84/0.285	3.17	7.20	3.39	70
10	84/0.4	4.56	9.00	1.95	98
16	128/0.4	5.6	10.2	1.24	132
25	192/0.4	6.95	12.00	0.795	176
35	276/0.4	8.74	13.80	0.565	218

** 载流量为电缆单根敷设于空气中的情况 The current-carrying capacity is under the situation of laying the single cable in air

EN H1Z2Z2-K

EN H1Z2Z2-K



产品认证

EN 50618 H1Z2Z2-K 1X 1.5mm²~35mm²(多色谱)

电缆结构

导体: 绞合的退火镜锡软铜线
绝缘: 辐照交联聚烯烃
护套: 辐照交联聚烯烃

技术参数

额定电压: 交流 U0/U=1000/1000VAC, 直流 1500VDC
成品电压测试: 交流 6.5kV, 直流 15kV, 5min
环境温度: -40°C ~ +90°C
导体最高温度: +120°C
使用寿命: > 25 年 (-40°C ~ +90°C)
参考短路允许温度: 200°C 5 秒
弯曲半径: ≥ 4xΦ(D < 8mm)
≥ 6xΦ(D ≥ 8mm)
耐酸碱测试: EN60811-2-1
冷弯实验: EN60811-1-4
交变湿热试验: EN60068-2-78
耐日光测试: EN60811-501, EN50289-4-17
成品电缆耐臭氧测试: EN50396
阻燃测试: EN60332-1-2
烟密度: IEC61034, EN50268-2
卤酸释放量: IEC670754-1 EN50267-2-1

Approvals

EN 50618 H1Z2Z2-K 1X 1.5mm²~35mm²(Multiple color)

Cable Structure

Conductor: Annealed soft tin copper
Insulation: Electron-beam cross-linked polyolefin
Jacket: Electron-beam cross-linked polyolefin

Technical data

Rated voltage: AC U0/U=1000/1000VAC, 1500VDC
Voltage test on completed cable: 6.5kV AC, 15kV DC, 5min
Ambient temperature: -40°C up to +90°C
Max.Temperature at conductor: +120°C
Service life: 25years(-40°C up to+90°C)
The permitted short-circuit-temperature refer to a period of 5s is+200°C
Bending radius: ≥4xΦ(D < 8mm)
≥ 6xΦ(D ≥ 8mm)
Test on acid and alkali resistance: EN60811-2-1
Cold bending test: EN60811-1-4
Damp heat test: EN60068-2-78
Sunlight resistance: EN60811-501, EN50289-4-17
0-zone resistance test of finished cable: EN50396
Flame test: IEC60332-1-2
Smoke density: IEC61034, EN50268-2
Halogen acid release: IEC670754-1 EN50267-2-1

电缆结构表 The Structure of Cable

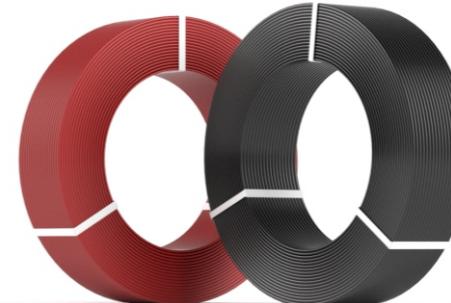
参考标准 Refer to: EN50618

导体截面积 Cross section (mm ²)	导体结构 Conductor construction (No./mm)	导体绞合最大外径 Conductor Stranded OD.max(mm)	成品外径 Cable OD. (mm)	最大导体电阻 Max Cond Resistance (Ω/km,20°C)	**载流量 Current carrying Capacity AT 60°C (A)
1.5	30/0.25	1.58	4.90	13.7	30
2.5	49/0.25	2.02	5.40	8.21	41
4.0	56/0.285	2.50	6.00	5.09	55
6.0	84/0.285	3.17	6.50	3.39	70
10	84/0.4	4.56	8.00	1.95	98
16	128/0.4	5.6	9.60	1.24	132
25	192/0.4	6.95	11.40	0.795	176
35	276/0.4	8.74	13.30	0.565	218

**载流量为电缆单根敷设于空气中的情况 The current-carrying capacity is under the situation of laying the single cable in air

62930 IEC 131

62930 IEC 131



产品认证

TÜV 莱茵 62930 IEC 131 1X 1.5mm²~35mm²(多色谱)

电缆结构

导体: 绞合的退火镜锡软铜线
绝缘: 辐照交联聚烯烃
护套: 辐照交联聚烯烃

技术参数

额定电压: 交流 U0/U=1000/1000VAC, 直流 1500VDC
成品电压测试: 交流 6.5kV, 直流 15kV, 5min
环境温度: -40°C ~ +90°C
导体最高温度: +120°C
使用寿命: > 25 年 (-40°C ~ +90°C)
参考短路允许温度: 200°C 5 秒
弯曲半径: ≥ 4xΦ (D < 8mm)
≥ 6xΦ (D ≥ 8mm)
兼容性测试: IEC60811-401:2012, 135±2/168h
耐酸碱测试: EN60811-2-1
冷弯实验: IEC60811-506
交变湿热试验: IEC60068-2-78
耐日光测试: IEC62930
成品电缆耐臭氧测试: IEC60811-403
阻燃测试: IEC60332-1-2
烟密度: IEC61034-2, EN50268-2
评估所有非金属材料的卤素: IEC62821-1

Approvals

TÜV Rheinland 62930 IEC 131 1X 1.5mm²~35mm²(Multiple color)

Cable Structure

Conductor: Annealed soft tin copper
Insulation: Electron-beam cross-linked polyolefin
Jacket: Electron-beam cross-linked polyolefin

Technical data

Rated voltage: AC U0/U=1000/1000VAC, 1500VDC
Voltage test on completed cable: 6.5kV AC, 15kV DC, 5min
Ambient temperature: -40°C up to +90°C
Conductor maximum temperature: +120°C
Service life: > 25 years (-40°C up to +90°C)
The permitted short-circuit-temperature refer to a period of 5s is+200°C
Bending radius: ≥ 4xΦ (D < 8mm)
≥ 6xΦ (D ≥ 8mm)
Compatibility test: IEC60811-401:2012, 135±2/168h
Acid and alkali resistance test: EN60811-2-1
Cold bending test: IEC60811-506
Damp heat test: IEC60068-2-78
Sunlight resistance: IEC62930
0-zone resistance test of finished cable: IEC60811-403
Fire test: IEC60332-1-2
Smoke density: IEC61034-2, EN50268-2
Assessment of halogens for all non-metallic material: IEC62821-1

电缆结构表 The Structure of Cable

参考标准 Refer to: 62930 IEC131

导体截面积 Cross section (mm ²)	导体结构 Conductor construction (No./mm)	导体绞合最大外径 Conductor Stranded OD.max(mm)	成品外径 Cable OD. (mm)	最大导体电阻 Max Cond Resistance (Ω/km,20°C)	**载流量 Current carrying Capacity AT 60°C (A)
1.5	30/0.25	1.58	4.90	13.7	30
2.5	49/0.25	2.02	5.40	8.21	41
4.0	56/0.285	2.50	6.00	5.09	55
6.0	84/0.285	3.17	6.50	3.39	70
10	84/0.4	4.56	8.00	1.95	98
16	128/0.4	5.6	9.60	1.24	132
25	192/0.4	6.95	11.40	0.795	176
35	276/0.4	8.74	13.30	0.565	218

**载流量为电缆单根敷设于空气中的情况 The current-carrying capacity is under the situation of laying the single cable in air

TUV PV1-F 双并光伏线

**TUV PV1-F Double parallel
SOLAR cable**



导体 Conductor
绝缘层 Insulation
护套 Jacket

产品认证

TÜV 莱茵 PV1-F 2X 1.5mm² ~ 16mm² (多色谱)

电缆结构

导体:绞合的退火镀锡软铜线
绝缘:辐照交联聚烯烃
护套:辐照交联聚烯烃

技术参数

导体:镀锡铜绞线
根据VDE0295/IEC60228,5类导体
绝缘:聚烯烃共聚物电子束交联
额定电压:交流U0/U=1000/1000VAC, 直流1500VDC
成品电压测试:交流6.5kV, 直流15kV, 5min
环境温度:-40°C~+90°C
导体最高温度:+120°C
使用寿命:> 25年(-40°C~+90°C)
参考短路允许温度:200°C, 5秒
弯曲半径:≥ 4xΦ (D<8mm)
≥ 6xΦ (D≥8mm)
耐酸碱测试:EN60811-2-1
冷弯实验:EN60811-1-4
交变湿热试验:EN60068-2-78
耐日光测试:EN60811-501,EN50289-4-17
成品电缆耐臭氧测试:EN50396
阻燃测试:EN60332-1-2
烟密度:IEC61034,EN50268-2
卤素释放量:IEC670754-1 EN50267-2-1

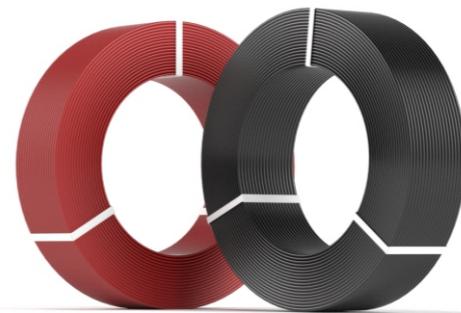
电缆结构表 The Structure of Cable

芯数*导体横截面积 Core*Cross section(mm ²)	导体结构 Conductor construction (No./mm)	绝缘 Insulation 厚度 Ave.Thic.(mm)	护套 Sheath 厚度 Ave.Thic.(mm)	成品电缆外径 Cable outside diameter 外径 minimum outer diameter(mm)	最大导体电阻 Max Cond Resistance (Ω/km,20°C)	**载流量 Current carrying Capacity AT 60°C (A)	参考标准 Refer to: 2 PfG 1169	
							2*1.5	30/0.25
2*2.5	49/0.25	0.70	0.80	5.20*10.80	8.21	41		
2*4.0	56/0.285	0.70	0.80	5.50*11.20	5.09	55		
2*6.0	84/0.285	0.70	0.80	6.20*12.60	3.39	70		
2*10	84/0.4	0.70	0.80	7.50*15.20	1.95	98		
2*16	128/0.4	0.70	0.80	9.60*19.70	1.24	132		

**载流量为电缆单根敷设于空气中的情况 The current-carrying capacity is under the situation of laying the single cable in air

UL 4703 PV 光伏线

UL 4703 PV Wire



导体 Conductor
绝缘层 Insulation
护套 Jacket

产品认证

UL 认证 UL 4703 600V

电缆结构

导体:绞合的退火镀锡软铜线
绝缘:辐照交联聚烯烃
护套:辐照交联聚烯烃

技术参数

额定电压:600V AC
成品电压测试:交流 3000kV, 1min
环境温度:-40°C~+90°C
导体最高温度:+120°C
使用寿命:> 25 年(-40°C~ +90°C)
参考短路允许温度:200°C 5 秒
弯曲半径:≥ 4xΦ (D<8mm)
≥ 6xΦ (D≥8mm)
相对介电常数:UL854
冷弯实验:UL854
耐日光测试:UL2556
阻燃测试:UL1581VW-1
热变形测试:
UL1581-560(121±2°C)×1h,2000g,≤50%

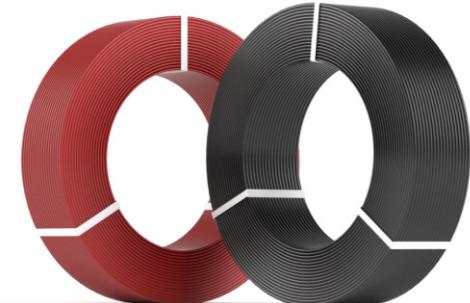
电缆结构表 The Structure of Cable

AWG	导体结构 Conductor construction (No./mm)	导体绞合最大外径 Conductor Stranded OD.max(mm)	成品外径 Cable OD. (mm)	最大导体电阻 Max Cond Resistance (Ω/km,20°C)	**载流量 Current carrying Capacity AT 60°C (A)	参考标准 Refer to: UL4703								
						18	16	14	12	10	8	6	4	2
						16/0.254	26/0.254	41/0.254	65/0.254	105/0.254	168/0.254	266/0.254	420/0.254	665/0.254
						1.18	1.49	1.88	2.36	3.00	4.10	5.20	6.50	8.25
						4.25	4.55	4.95	5.40	6.20	7.90	9.80	11.50	13.30
						23.20	14.60	8.96	5.64	3.546	2.23	1.403	0.882	0.5548
						16	26	34	46	61	82	110	149	209

**载流量为电缆单根敷设于空气中的情况 The current-carrying capacity is under the situation of laying the single cable in air

UL 4703 PV 光伏线

UL 4703 PV Wire



产品认证

UL 认证 UL 4703 1000V OR 2000V

电缆结构

导体:绞合的退火镀锡软铜线
绝缘:辐照交联聚烯烃
护套:辐照交联聚烯烃

技术参数

额定电压:1000VAC OR 2000VAC
成品电压测试:交流 6000kV, 1min
环境温度:-40°C~ +90°C
导体最高温度:+120°C
使用寿命:>25 年(-40°C~ +90°C)
参考短路允许温度:200°C 5秒
弯曲半径:≥ 4xΦ(D<8mm)
≥ 6xΦ(D≥8mm)
相对介电常数:UL854
冷弯实验:UL854
耐日光测试:UL2556
阻燃测试:UL1581 VW-1
热变形测试:
UL1581-560(121±2°C)×1h,2000g,≤50%

Approvals

UL Approvals UL4703 1000V OR 2000V

Cable Structure

Conductor: Annealed soft tin copper
Insulation: Electron-beam cross-linked material
Jacket: Electron-beam cross-linked material

Technical data

Nominal voltage: 1000V AC OR 2000V AC
Voltage test on completed cable: 6.0kV AC, 1min
Ambient temperature: -40°C up to +90°C
Max.Temperature at conductor: +120°C
The expected period of use is 25 years (Ambient temperature: -40°C up to +90°C)
The permitted short-circuit-temperature refer to a period of 5s is +200°C
Bending radius: ≥ 4xΦ(D<8mm)
≥ 6xΦ(D≥8mm)
Relative permittivity: UL854
Cold bending test: UL854
Weathering/UV-resistance: UL2556
Fire test: UL1581 VW-1
Heat distortion test:
UL1581-560(121±2°C)×1h, 2000g, ≤50%

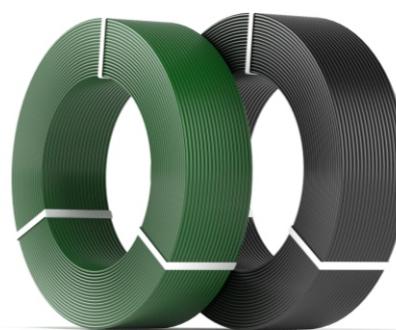
电缆结构表 The Structure of Cable

参考标准 Refer to: UL4703

AWG	导体结构 Conductor construction (No./mm)	导体绞合最大外径 Conductor Stranded OD.max(mm)	成品外径 Cable OD. (mm)	最大导体电阻 Max Cond Resistance (Ω/km, 20°C)	**载流量 Current carrying Capacity AT 60°C (A)
18	16/0.254	1.18	5.00	23.20	16
16	26/0.254	1.49	5.30	14.60	26
14	41/0.254	1.88	5.70	8.96	34
12	65/0.254	2.36	6.20	5.64	46
10	105/0.254	3.00	6.90	3.546	61
8	168/0.254	4.10	8.40	2.23	82
6	266/0.254	5.20	10.30	1.403	110
4	420/0.254	6.50	11.70	0.882	149
2	665/0.254	8.25	13.50	0.5548	209

** 载流量为电缆单根敷设于空气中的情况 The current-carrying capacity is under the situation of laying the single cable in air

UL 10269



Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C PVC

Features

Using temperature: -40°C~+105°C
Rated voltage: 1000V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

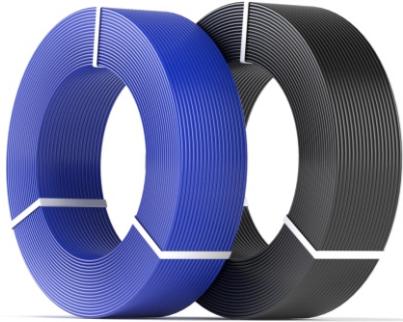
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 10269 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 10269 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 10269 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 10269 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 10269 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 10269 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 10269 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 10269 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 10269 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 10269 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 10269 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 10269 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 10269 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 10269 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 10269 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 10269 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 10269 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注：详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 11627



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: PVC耐寒弹性体高阻燃

电缆特性

使用温度: -40°C~+105°C
额定电压: 2000V
通过VW-1 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C PVC

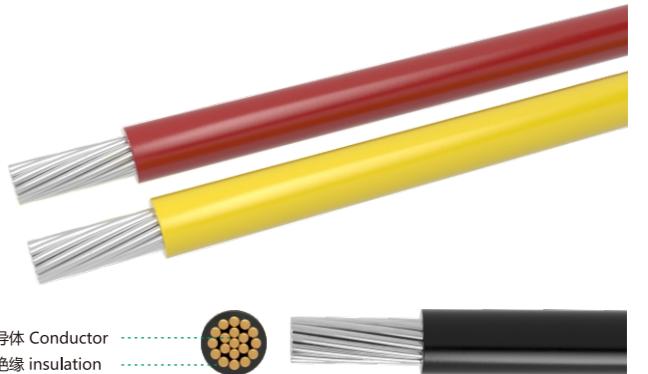
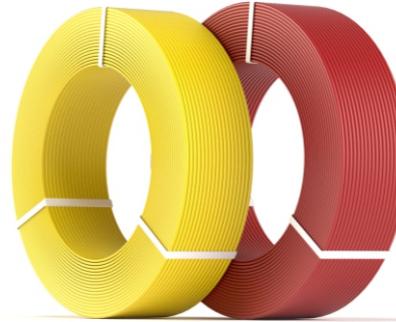
Features

Using temperature: -40°C~+105°C
Rated voltage: 2000V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 1015



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: PVC耐寒弹性体高阻燃

电缆特性

使用温度: -40°C~+105°C
额定电压: 600V
通过VW-1 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C PVC

Features

Using temperature: -40°C~+105°C
Rated voltage: 600V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 11627 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 11627 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 11627 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 11627 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 11627 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 11627 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 11627 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 11627 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 11627 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 11627 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 11627 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 11627 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 11627 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 11627 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 11627 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 11627 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 11627 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

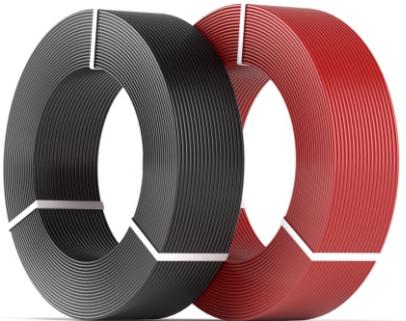
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 1015 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 1015 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 1015 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 1015 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 1015 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 1015 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 1015 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 1015 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 1015 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 1015 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 1015 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 1015 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 1015 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 1015 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 1015 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 1015 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 1015 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 1032



导体 Conductor
绝缘体 insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: PVC耐寒弹性体高阻燃

电缆特性

使用温度: -40°C~+90°C
额定电压: 1000V
通过VW-1 测试, 良好的抗延燃性
弯曲半径≥4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 90°C PVC

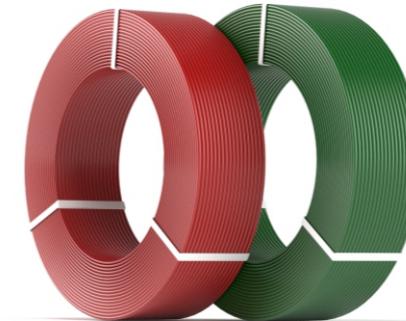
Features

Using temperature: -40°C~+90°C
Rated voltage: 1000V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 10183



导体 Conductor
绝缘体 insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 交联PVC耐寒弹性体高阻燃

电缆特性

使用温度: -40°C~+105°C
额定电压: 1000V
通过VW-1 测试, 良好的抗延燃性
弯曲半径≥4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C XLPVC

Features

Using temperature: -40°C~+105°C
Rated voltage: 1000V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 1032 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 1032 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 1032 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 1032 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 1032 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 1032 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 1032 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 1032 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 1032 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 1032 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 1032 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 1032 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 1032 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 1032 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 1032 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 1032 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 1032 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

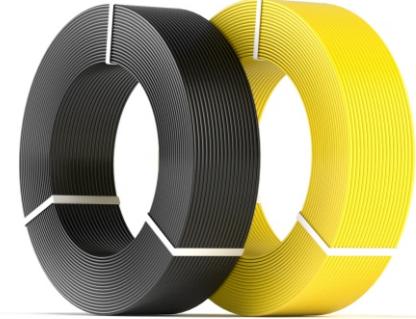
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 10183 24AWG	18/0.127TS	0.61	94.2	0.51	1.7
UL 10183 22AWG	28/0.127TS	0.78	59.4	0.51	1.9
UL 10183 20AWG	42/0.127TS	0.95	36.7	0.51	2.1
UL 10183 18AWG	65/0.127TS	1.16	23.2	0.51	2.3
UL 10183 16AWG	104/0.127TS	1.51	14.6	0.51	2.6
UL 10183 14AWG	168/0.127TS	1.88	8.96	0.51	3.0
UL 10183 12AWG	259/0.127TS	2.36	5.64	0.51	3.5
UL 10183 10AWG	414/0.127TS	3.22	3.546	0.51	4.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 10271



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: PVC耐寒弹性体高阻燃

电缆特性

使用温度: -40°C~+105°C
额定电压: 1000V
通过VW-1 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C PVC

Features

Using temperature: -40°C~+105°C
Rated voltage: 1000V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

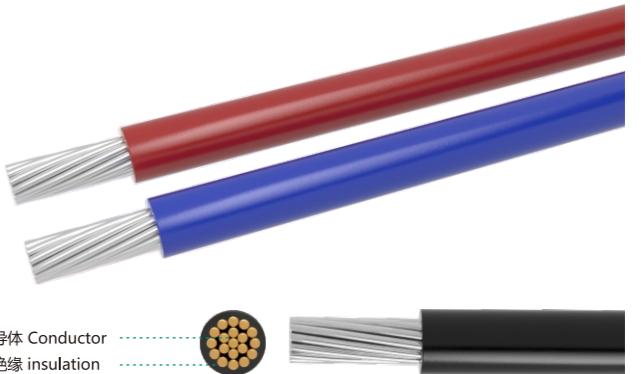
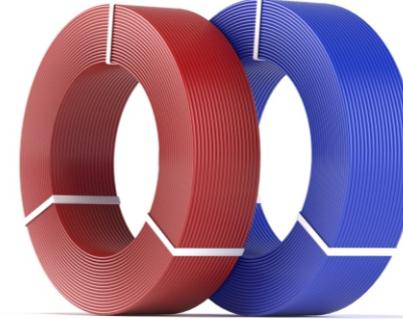
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 10271 24AWG	18/0.127TS	0.61	94.2	0.51	1.7
UL 10271 22AWG	28/0.127TS	0.78	59.4	0.51	1.9
UL 10271 20AWG	42/0.127TS	0.95	36.7	0.51	2.1
UL 10271 18AWG	65/0.127TS	1.16	23.2	0.51	2.3
UL 10271 16AWG	104/0.127TS	1.51	14.6	0.51	2.6
UL 10271 14AWG	168/0.127TS	1.88	8.96	0.51	3.0
UL 10271 12AWG	259/0.127TS	2.36	5.64	0.51	3.5
UL 10271 10AWG	414/0.127TS	3.22	3.546	0.51	4.2
UL 10271 8AWG	665/0.127TS	4.26	2.230	0.76	5.8
UL 10271 6AWG	1050/0.127TS	5.35	1.403	1.14	7.5
UL 10271 4AWG	1666/0.127TS	6.80	0.8820	1.14	8.7
UL 10271 2AWG	2646/0.127TS	9.15	0.5548	1.14	10.6
UL 10271 1AWG	3332/0.127TS	9.53	0.4398	1.52	12.3
UL 10271 1/0AWG	4214/0.127TS	11.10	0.3487	1.52	13.6
UL 10271 2/0AWG	5292/0.127TS	12.20	0.2766	1.52	15.0
UL 10271 3/0AWG	6784/0.127TS	13.71	0.2194	1.52	17.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 10974



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: PVC耐寒弹性体高阻燃

电缆特性

使用温度: -40°C~+105°C
额定电压: 2000V
通过VW-1 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C PVC

Features

Using temperature: -40°C~+105°C
Rated voltage: 2000V
Flame test: VW-1
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

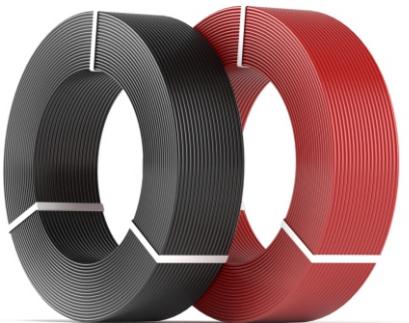
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 10974 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 10974 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 10974 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 10974 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 10974 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 10974 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 10974 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 10974 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 10974 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 10974 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 10974 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 10974 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 10974 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 10974 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 10974 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 10974 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 10974 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 10267



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 105°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+105°C
额定电压: 2000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C XLPE

Features

Using temperature: -40°C~+105°C
Rated voltage: 2000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 3135



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 硅橡胶

电缆特性

使用温度: 200°C
额定电压: 600V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: SR

Features

Using temperature: 200°C
Rated voltage: 600V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 10267 24AWG	18/0.127TS	0.61	94.2	0.43	1.7
UL 10267 22AWG	28/0.127TS	0.78	59.4	0.43	1.8
UL 10267 20AWG	42/0.127TS	0.95	36.7	0.43	2.0
UL 10267 18AWG	65/0.127TS	1.16	23.2	0.43	2.25
UL 10267 16AWG	104/0.127TS	1.51	14.6	0.43	2.6
UL 10267 14AWG	168/0.127TS	1.88	8.96	0.43	3.0
UL 10267 12AWG	259/0.127TS	2.36	5.64	0.43	3.5
UL 10267 10AWG	414/0.127TS	3.22	3.546	0.43	4.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

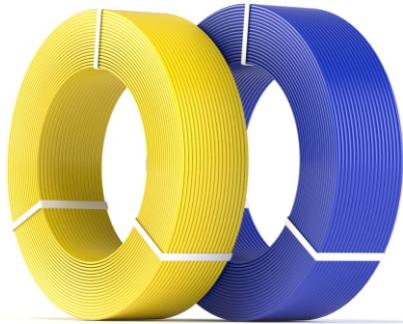
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3135 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3135 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3135 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3135 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3135 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3135 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3135 12AWG	259/0.127TS	2.36	5.64	0.76	4.0

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 3271



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C辐照交联聚烯烃(XLPE)

电缆特性

使用温度: -40°C~+125°C
额定电压: 600V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C XLPE

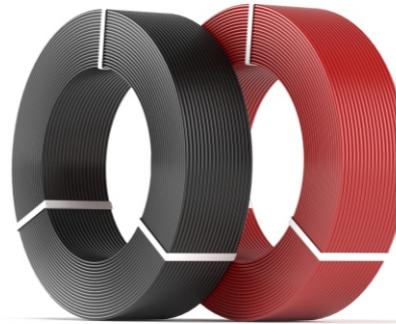
Features

Using temperature: -40°C~+125°C
Rated voltage: 600V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

UL 3321



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 150°C辐照交联聚烯烃(XLPE)

电缆特性

使用温度: -40°C~+150°C
额定电压: 600V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 150°C XLPE

Features

Using temperature: -40°C~+150°C
Rated voltage: 600V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3271 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3271 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3271 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3271 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3271 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3271 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3271 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3271 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3271 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3271 6AWG	1050/0.127TS	5.35	1.403	1.14	7.7
UL 3271 4AWG	1666/0.127TS	6.80	0.8820	1.14	9.1
UL 3271 2AWG	2646/0.127TS	9.15	0.5548	1.14	11.1
UL 3271 1AWG	3332/0.127TS	9.53	0.4398	1.40	12.3
UL 3271 1/0AWG	4214/0.127TS	11.10	0.3487	1.40	13.8
UL 3271 2/0AWG	5292/0.127TS	12.20	0.2766	1.40	15.3
UL 3271 3/0AWG	6784/0.127TS	13.71	0.2194	1.40	16.7
UL 3271 4/0AWG	8512/0.127TS	15.70	0.1722	1.40	18.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

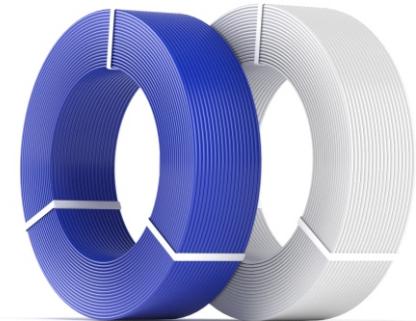
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3321 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3321 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3321 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3321 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3321 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3321 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3321 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3321 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3321 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3321 6AWG	1050/0.127TS	5.35	1.403	1.14	7.7
UL 3321 4AWG	1666/0.127TS	6.80	0.8820	1.14	9.1
UL 3321 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 3321 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 3321 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 3321 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 3321 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 3321 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 3386



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 105°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+105°C
额定电压: 600V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 105°C XLPE

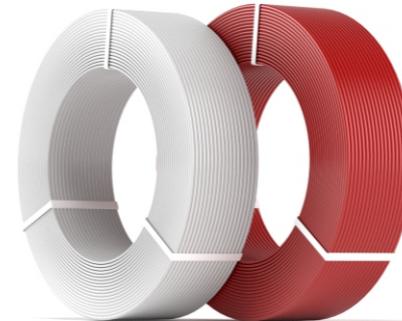
Features

Using temperature: -40°C~+105°C
Rated voltage: 600V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

UL 3510



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+125°C
额定电压: 10000VDC
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C XLPE

Features

Using temperature: -40°C~+125°C
Rated voltage: 10000VDC
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3386 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3386 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3386 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3386 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3386 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3386 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3386 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3386 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3386 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3386 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 3386 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 3386 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 3386 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 3386 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 3386 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 3386 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 3386 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

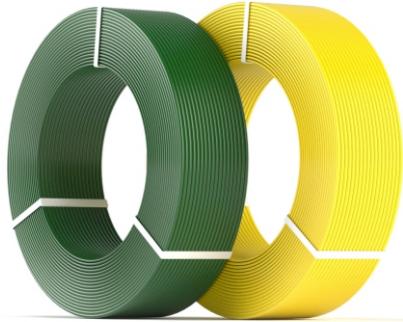
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3510 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3510 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3510 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3510 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3510 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3510 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3510 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3510 10AWG	414/0.127TS	3.22	3.546	0.76	4.9

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 3816



导体 Conductor

绝缘层 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 150°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+150°C
额定电压: 3000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 150°C XLPE

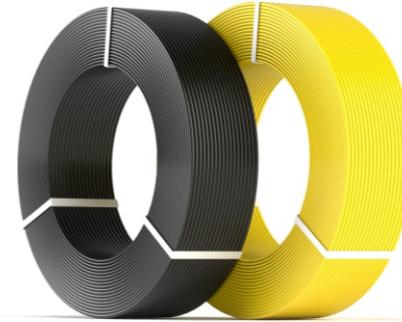
Features

Using temperature: -40°C~+150°C
Rated voltage: 3000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

UL 3817



导体 Conductor

绝缘层 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+125°C
额定电压: 3000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C XLPE

Features

Using temperature: -40°C~+125°C
Rated voltage: 3000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3816 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3816 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3816 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3816 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3816 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3816 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3816 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3816 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3816 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3816 6AWG	1050/0.127TS	5.35	1.403	1.14	7.7
UL 3816 4AWG	1666/0.127TS	6.80	0.8820	1.14	9.1
UL 3816 2AWG	2646/0.127TS	9.15	0.5548	1.14	11.1
UL 3816 1AWG	3332/0.127TS	9.53	0.4398	1.40	12.3
UL 3816 1/0AWG	4214/0.127TS	11.10	0.3487	1.40	13.8
UL 3816 2/0AWG	5292/0.127TS	12.20	0.2766	1.40	15.3
UL 3816 3/0AWG	6784/0.127TS	13.71	0.2194	1.40	16.7
UL 3816 4/0AWG	8512/0.127TS	15.70	0.1722	1.40	18.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

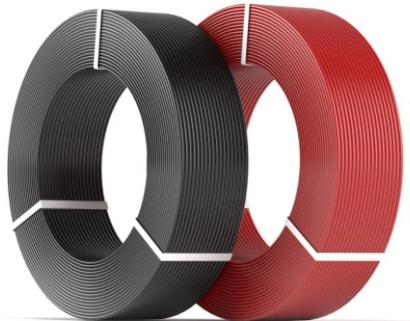
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3817 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3817 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3817 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3817 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3817 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3817 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3817 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3817 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3817 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3817 6AWG	1050/0.127TS	5.35	1.403	1.14	7.7
UL 3817 4AWG	1666/0.127TS	6.80	0.8820	1.14	9.1
UL 3817 2AWG	2646/0.127TS	9.15	0.5548	1.14	11.1
UL 3817 1AWG	3332/0.127TS	9.53	0.4398	1.40	12.3
UL 3817 1/0AWG	4214/0.127TS	11.10	0.3487	1.40	13.8
UL 3817 2/0AWG	5292/0.127TS	12.20	0.2766	1.40	15.3
UL 3817 3/0AWG	6784/0.127TS	13.71	0.2194	1.40	16.7
UL 3817 4/0AWG	8512/0.127TS	15.70	0.1722	1.40	18.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 3820



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+125°C
额定电压: 1000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C XLPE

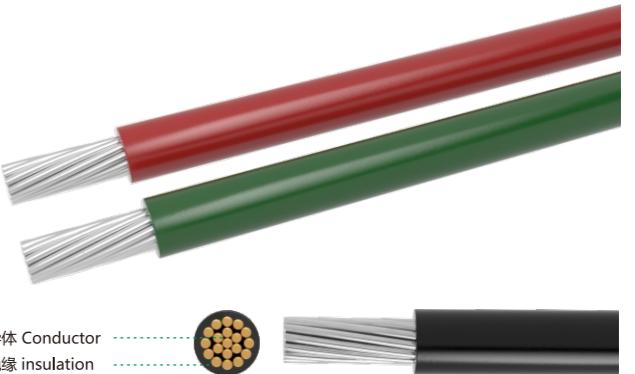
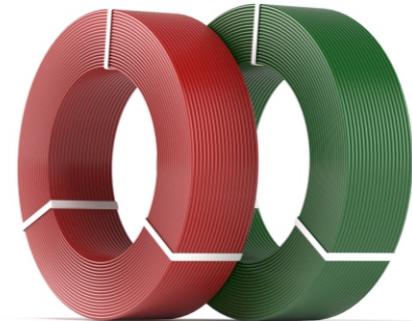
Features

Using temperature: -40°C~+125°C
Rated voltage: 1000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 3932



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C辐照交联聚烯烃 (XLPE)

电缆特性

使用温度: -40°C~+125°C
额定电压: 2000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C XLPE

Features

Using temperature: -40°C~+125°C
Rated voltage: 2000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3820 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3820 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3820 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3820 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3820 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3820 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3820 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3820 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3820 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3820 6AWG	1050/0.127TS	5.35	1.403	1.14	7.7
UL 3820 4AWG	1666/0.127TS	6.80	0.8820	1.14	9.1
UL 3820 2AWG	2646/0.127TS	9.15	0.5548	1.14	11.1
UL 3820 1AWG	3332/0.127TS	9.53	0.4398	1.40	12.3
UL 3820 1/0AWG	4214/0.127TS	11.10	0.3487	1.40	13.8
UL 3820 2/0AWG	5292/0.127TS	12.20	0.2766	1.40	15.3
UL 3820 3/0AWG	6784/0.127TS	13.71	0.2194	1.40	16.7
UL 3820 4/0AWG	8512/0.127TS	15.70	0.1722	1.40	18.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

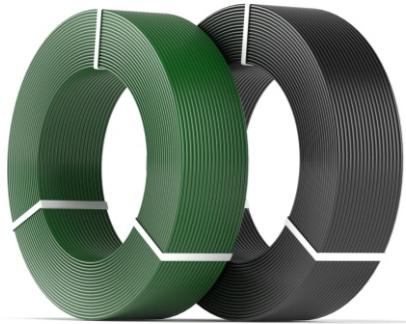
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3932 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3932 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3932 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3932 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3932 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3932 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3932 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3932 10AWG	414/0.127TS	3.22	3.546	0.76	4.9
UL 3932 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3932 6AWG	1050/0.127TS	5.35	1.403	1.14	7.7
UL 3932 4AWG	1666/0.127TS	6.80	0.8820	1.14	9.1
UL 3932 2AWG	2646/0.127TS	9.15	0.5548	1.14	11.1
UL 3932 1AWG	3332/0.127TS	9.53	0.4398	1.40	12.3
UL 3932 1/0AWG	4214/0.127TS	11.10	0.3487	1.40	13.8
UL 3932 2/0AWG	5292/0.127TS	12.20	0.2766	1.40	15.3
UL 3932 3/0AWG	6784/0.127TS	13.71	0.2194	1.40	16.7
UL 3932 4/0AWG	8512/0.127TS	15.70	0.1722	1.40	18.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 3512



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 硅橡胶

电缆特性

使用温度: 200°C
额定电压: 600V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: SR

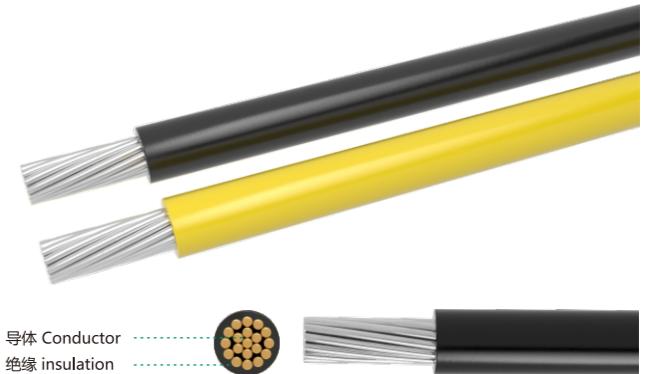
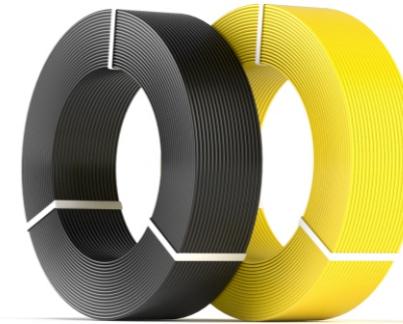
Features

Using temperature: 200°C
Rated voltage: 600V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 3530



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 硅橡胶

电缆特性

使用温度: 150°C、200°C
额定电压: 600V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: SR

Features

Using temperature: 150°C, 200°C
Rated voltage: 600V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3512 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3512 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3512 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3512 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3512 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3512 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3512 10AWG	414/0.127TS	3.22	3.546	1.14	5.6
UL 3512 8AWG	665/0.127TS	4.26	2.230	1.14	6.6
UL 3512 6AWG	1050/0.127TS	5.35	1.403	1.52	8.5
UL 3512 4AWG	1666/0.127TS	6.80	0.8820	1.52	10.0
UL 3512 2AWG	2646/0.127TS	9.15	0.5548	1.52	11.8
UL 3512 1AWG	3332/0.127TS	9.53	0.4398	2.03	13.9
UL 3512 1/0AWG	4214/0.127TS	11.10	0.3487	2.03	15.0
UL 3512 2/0AWG	5292/0.127TS	12.20	0.2766	2.03	16.0
UL 3512 3/0AWG	6784/0.127TS	13.71	0.2194	2.03	17.5
UL 3512 4/0AWG	8512/0.127TS	15.70	0.1722	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

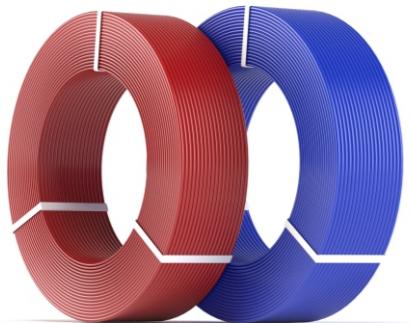
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3530 24AWG	0.61	94.2	59.4	0.76	2.2
UL 3530 22AWG	0.78	59.4	36.7	0.76	2.4
UL 3530 20AWG	0.95	36.7	23.2	0.76	2.6
UL 3530 18AWG	1.16	23.2	14.6	0.76	2.8
UL 3530 16AWG	1.51	14.6	8.96	0.76	3.15
UL 3530 14AWG	1.88	8.96	5.64	0.76	3.55
UL 3530 12AWG	2.36	5.64	3.546	0.76	4.0
UL 3530 10AWG	3.22	3.546	2.230	1.14	5.6
UL 3530 8AWG	4.26	2.230	1.403	1.52	7.2
UL 3530 6AWG	5.35	1.403	0.8820	1.52	8.5
UL 3530 4AWG	6.80	0.8820	0.5548	1.52	10.0
UL 3530 2AWG	9.15	0.5548	0.4398	1.52	11.8
UL 3530 1AWG	9.53	0.4398	0.3487	2.03	13.9
UL 3530 1/0AWG	11.10	0.3487	0.2766	2.03	15.0
UL 3530 2/0AWG	12.20	0.2766	0.2194	2.03	16.0
UL 3530 3/0AWG	13.71	0.2194	0.1722	2.03	17.5
UL 3530 4/0AWG	15.70	0.1722	0.1347	2.03	20.2

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

UL 3724



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 硅橡胶

电缆特性

使用温度: 150°C
额定电压: 2000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: SR

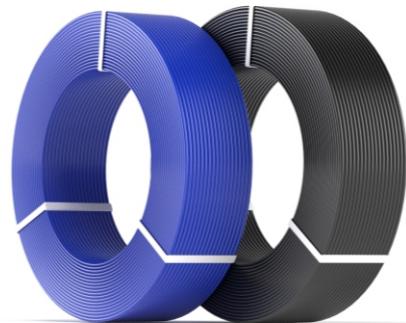
Features

Using temperature: 150°C
Rated voltage: 2000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 3725



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 硅橡胶

电缆特性

使用温度: 150°C
额定电压: 3000V
通过FT2 测试, 良好的抗延燃性
弯曲半径 ≥ 4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: SR

Features

Using temperature: 150°C
Rated voltage: 3000V
Flame test: FT2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3724 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3724 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3724 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3724 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3724 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3724 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3724 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3724 10AWG	414/0.127TS	3.22	3.546	0.76	4.9

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

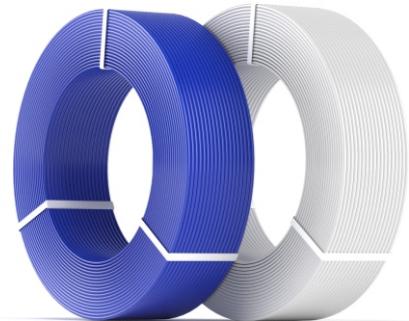
UL 电池连接电缆结构表 The Structure of UL Cable

参考标准 Refer to: UL758

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
UL 3725 24AWG	18/0.127TS	0.61	94.2	0.76	2.2
UL 3725 22AWG	28/0.127TS	0.78	59.4	0.76	2.4
UL 3725 20AWG	42/0.127TS	0.95	36.7	0.76	2.6
UL 3725 18AWG	65/0.127TS	1.16	23.2	0.76	2.8
UL 3725 16AWG	104/0.127TS	1.51	14.6	0.76	3.15
UL 3725 14AWG	168/0.127TS	1.88	8.96	0.76	3.55
UL 3725 12AWG	259/0.127TS	2.36	5.64	0.76	4.0
UL 3725 10AWG	414/0.127TS	3.22	3.546	0.76	4.9

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

ESL15V2-K



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 90°C PVC

电缆特性

使用温度: -40°C~+90°C
额定电压: DC1500V
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 90°C PVC

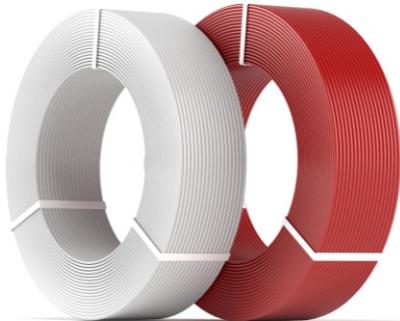
Features

Using temperature: -40°C~+90°C
Rated voltage: DC1500V
Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

ESW15V2V2-K



导体 Conductor

绝缘体 Insulation

电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 90°C CPVC
外护套: 90°C PVC

电缆特性

使用温度: -40°C~+90°C
额定电压: DC1500V
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 90°C PVC
Sheath: 90°C PVC

Features

Using temperature: -40°C~+90°C
Rated voltage: DC1500V
Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection, connection between battery and shunt box, flexible

TUV 电池连接电缆结构表 The Structure of TUV Cable

参考标准 Refer to: 2 PfG 2693

线材规格 Style of the cable (mm²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
4	133/0.20AS	2.66	4.71	1.2	5.3
6	190/0.20AS	3.42	3.14	1.2	5.9
10	323/0.20AS	4.40	1.82	1.4	7.3
16	513/0.20AS	5.70	1.16	1.4	8.4
25	798/0.20AS	6.70	0.743	1.6	10.3
35	1121/0.20AS	8.00	0.527	1.6	11.6
50	1596/0.20AS	9.50	0.368	1.6	13.1
70	2230/0.20AS	11.5	0.259	1.6	14.9
95	3020/0.20AS	13.5	0.196	1.8	17.1
120	3820/0.20AS	15.6	0.153	1.8	18.8
150	4770/0.20AS	17.3	0.129	2.0	21.0
185	5890/0.20AS	19.2	0.106	2.0	22.8
240	7640/0.20AS	21.9	0.0801	2.2	25.8

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

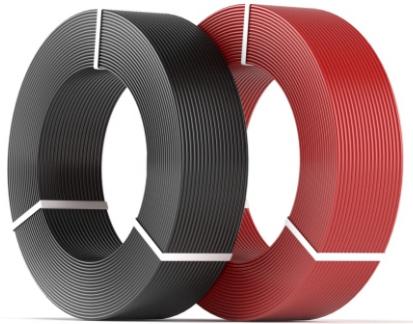
TUV 电池连接电缆结构表 The Structure of TUV Cable

参考标准 Refer to: 2 PfG 2693

线材规格 Style of the cable (mm²)	导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
4	133/0.20AS	2.66	4.71	1.2	5.3	1.3	8.0
6	190/0.20AS	3.42	3.14	1.2	5.9	1.3	8.6
10	323/0.20AS	4.40	1.82	1.4	7.3	1.3	10.0
16	513/0.20AS	5.70	1.16	1.4	8.4	1.3	11.1
25	798/0.20AS	6.70	0.743	1.6	10.3	1.3	13.0
35	1121/0.20AS	8.00	0.527	1.6	11.6	1.4	14.5
50	1596/0.20AS	9.50	0.368	1.6	13.1	1.4	16.0
70	2230/0.20AS	11.5	0.259	1.6	14.9	1.4	17.8
95	3020/0.20AS	13.5	0.196	1.8	17.1	1.4	20.0
120	3820/0.20AS	15.6	0.153	1.8	18.8	1.5	22.0
150	4770/0.20AS	17.3	0.129	2.0	21	1.5	24.2
185	5890/0.20AS	19.2	0.106	2.0	22.8	1.6	26.2
240	7640/0.20AS	21.9	0.0801	2.2	25.8	1.7	29.4

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

ESL/W15Z3-K



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C 交联聚烯烃

电缆特性

使用温度: -40°C~+90°C
额定电压: DC1500V
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C cross-linked polyolefin material

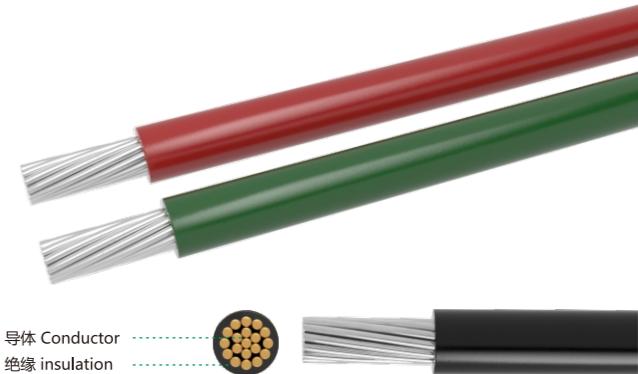
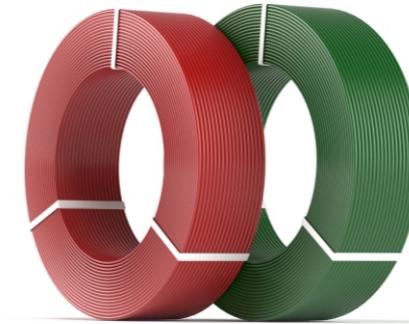
Features

Using temperature: -40°C~+90°C
Rated voltage: DC1500V
Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

ESP15Z3Z3-K



电缆结构

导体: 绞合的退火镀锡软铜线
绝缘体: 125°C 交联聚烯烃
外护套: 125°C 交联聚烯烃

电缆特性

使用温度: -40°C~+125°C
额定电压: DC1500V
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥4×OD, 易于安装

电缆应用

用于储能系统电池连接、电池到汇流箱之间的连接等, 柔软易弯曲

Cable Structure

Conductor: Annealed soft tin copper
Insulation: 125°C cross-linked polyolefin material
Sheath: 125°C cross-linked polyolefin material

Features

Using temperature: -40°C~+125°C
Rated voltage: DC1500V
Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for Battery Energy Storage System, battery connection , connection between battery and shunt box , flexible

TUV 电池连接电缆结构表 The Structure of TUV Cable

参考标准 Refer to: 2 PfG 2693

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
4	133/0.20AS	2.66	4.71	1.2	5.3
6	190/0.20AS	3.42	3.14	1.2	5.9
10	323/0.20AS	4.40	1.82	1.4	7.3
16	513/0.20AS	5.70	1.16	1.4	8.4
25	798/0.20AS	6.70	0.743	1.6	10.3
35	1121/0.20AS	8.00	0.527	1.6	11.6
50	1596/0.20AS	9.50	0.368	1.6	13.1
70	2230/0.20AS	11.5	0.259	1.6	14.9
95	3020/0.20AS	13.5	0.196	1.8	17.1
120	3820/0.20AS	15.6	0.153	1.8	18.8
150	4770/0.20AS	17.3	0.129	2.0	21.0
185	5890/0.20AS	19.2	0.106	2.0	22.8
240	7640/0.20AS	21.9	0.0801	2.2	25.8

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

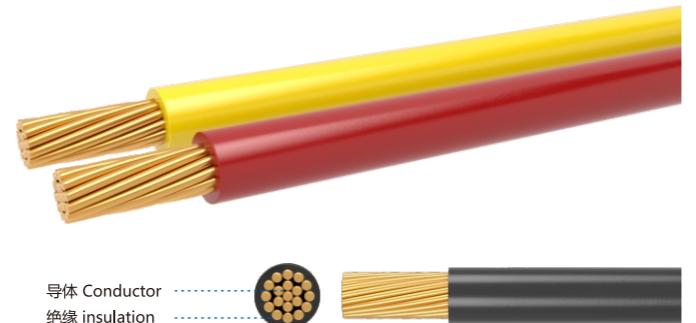
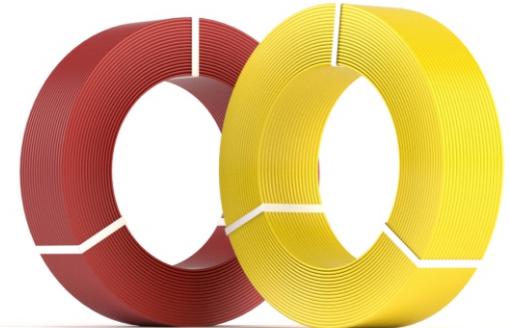
TUV 电池连接电缆结构表 The Structure of TUV Cable

参考标准 Refer to: 2 PfG 2693

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
4	133/0.20AS	2.66	4.71	1.2	5.3	1.3	8.0
6	190/0.20AS	3.42	3.14	1.2	5.9	1.3	8.6
10	323/0.20AS	4.40	1.82	1.4	7.3	1.3	10.0
16	513/0.20AS	5.70	1.16	1.4	8.4	1.3	11.1
25	798/0.20AS	6.70	0.743	1.6	10.3	1.3	13.0
35	1121/0.20AS	8.00	0.527	1.6	11.6	1.4	14.5
50	1596/0.20AS	9.50	0.368	1.6	13.1	1.4	16.0
70	2230/0.20AS	11.5	0.259	1.6	14.9	1.4	17.8
95	3020/0.20AS	13.5	0.196	1.8	17.1	1.4	20.0
120	3820/0.20AS	15.6	0.153	1.8	18.8	1.5	22.0
150	4770/0.20AS	17.3	0.129	2.0	21	1.5	24.2
185	5890/0.20AS	19.2	0.106	2.0	22.8	1.6	26.2
240	7640/0.20AS	21.9	0.0801	2.2	25.8	1.7	29.4

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

QBJ-C/D/E



导体 Conductor

绝缘 insulation

电缆结构

导体:绞合的退火裸软铜线
绝缘体:125°C/150°C/175°C热固性弹性体

电缆特性

使用温度:-40°C~+125°C/150°C/175°C
额定电压:AC 600V/DC 900V
不含卤素,遵循环保型产品发展方向
通过IEC 60332-1-2 测试,良好的抗延燃性
弯曲半径≥5×OD,易于安装

电缆应用

用于电动汽车车内电池高压系统,储能系统电池连接,易弯曲电缆

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 125°C/150°C/175°C热固性弹性体

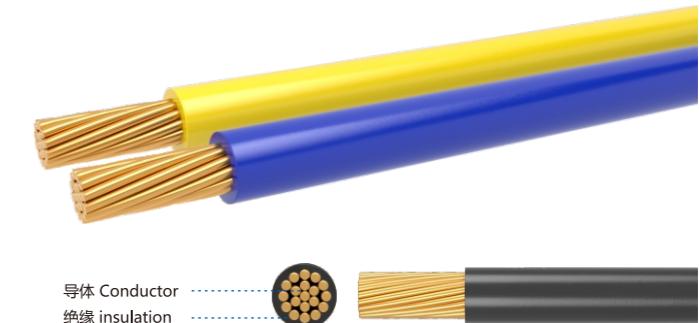
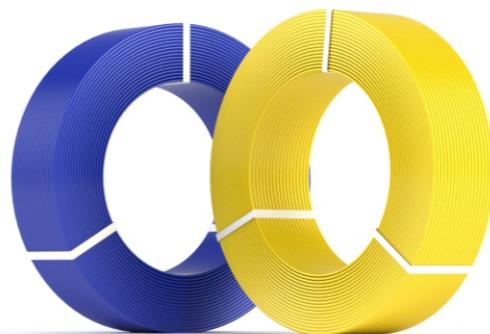
Features

Using temperature: -40°C~+125°C/150°C/175°C
Rated voltage: AC 600V/DC 900V
Halogen free, follow the environment-friendly product's developing direction, Flame test: IEC 60332-1-2
Bending radius: no less than 5 times the cable diameter

Brief introduction

Used for EV car battery high voltage system, Battery connection of Energy Storage System, flexible cable

QZJ-C/D/E



导体 Conductor

绝缘 insulation

电缆结构

导体:绞合的退火裸软铜线
绝缘体:125°C/150°C/175°C热固性弹性体

电缆特性

使用温度:-40°C~+125°C/150°C/175°C
额定电压:AC 1000V/DC 1500V
不含卤素,遵循环保型产品发展方向
通过IEC 60332-1-2 测试,良好的抗延燃性
弯曲半径≥5×OD,易于安装

电缆应用

用于电动汽车车内电池高压系统,储能系统电池连接,易弯曲电缆

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 125°C/150°C/175°C热固性弹性体

Features

Using temperature: -40°C~+125°C/150°C/175°C
Rated voltage: AC 1000V/DC 1500V
Halogen free, follow the environment-friendly product's developing direction, Flame test: IEC 60332-1-2
Bending radius: no less than 5 times the cable diameter

Brief introduction

Used for EV car battery high voltage system, Battery connection of Energy Storage System, flexible cable

车内线非屏蔽结构表 The Structure of UnShielded Cable

参考标准 Refer to: ISO 19642 & QC/T 1037

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
QBJ-C/D/E 1x4	133/0.20AS	2.66	4.71	0.40	3.6
QBJ-C/D/E 1x6	190/0.20AS	3.42	3.14	0.40	4.2
QBJ-C/D/E 1x10	323/0.20AS	4.40	1.82	0.60	5.7
QBJ-C/D/E 1x16	513/0.20AS	5.70	1.16	0.65	7.0
QBJ-C/D/E 1x25	798/0.20AS	6.70	0.743	0.65	8.1
QBJ-C/D/E 1x35	1121/0.20AS	8.00	0.527	0.80	9.7
QBJ-C/D/E 1x50	1596/0.20AS	9.50	0.368	0.89	11.4
QBJ-C/D/E 1x70	2230/0.20AS	11.5	0.259	1.00	13.6

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

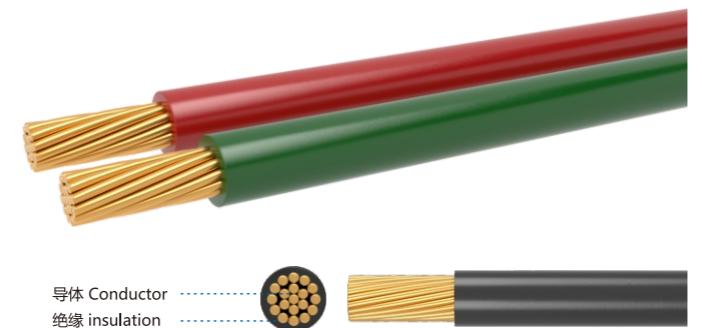
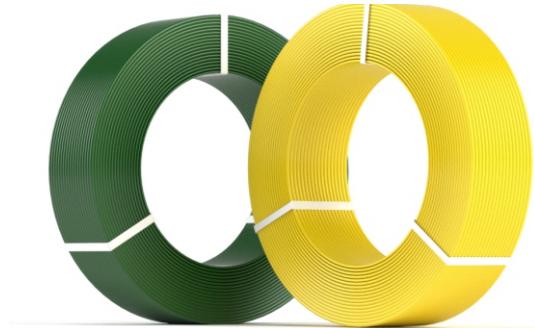
车内线非屏蔽结构表 The Structure of UnShielded Cable

参考标准 Refer to: ISO 19642 & QC/T 1037

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
QZJ-C/D/E 1x4	133/0.20AS	2.66	4.71	0.80	4.2
QZJ-C/D/E 1x6	190/0.20AS	3.42	3.14	0.80	4.8
QZJ-C/D/E 1x10	323/0.20AS	4.40	1.82	1.00	6.5
QZJ-C/D/E 1x16	513/0.20AS	5.70	1.16	1.00	7.9
QZJ-C/D/E 1x25	798/0.20AS	6.70	0.743	1.30	9.6
QZJ-C/D/E 1x35	1121/0.20AS	8.00	0.527	1.30	10.6
QZJ-C/D/E 1x50	1596/0.20AS	9.50	0.368	1.50	12.5
QZJ-C/D/E 1x70	2230/0.20AS	11.5	0.259	1.50	14.5
QZJ-C/D/E 1x95	3020/0.20AS	13.5	0.196	1.60	16.9
QZJ-C/D/E 1x120	3820/0.20AS	15.6	0.153	1.60	19.0

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

FHLR2X EV-YJ/SIR



导体 Conductor

绝缘 insulation

电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 125°C/150°C/175°C热固性弹性体

电缆特性

使用温度: -40°C~+125°C/150°C/175°C
额定电压: AC 600V/DC 900V
不含卤素, 遵循环保型产品发展方向
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥5×OD, 易于安装

电缆应用

用于电动汽车车内电池高压系统, 储能系统电池连接, 易弯曲电缆

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 125°C/150°C/175°C热固性弹性体

Features

Using temperature: -40°C~+125°C/150°C/175°C
Rated voltage: AC 600V/DC 900V
Halogen free, follow the environment-friendly product's developing direction, Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for EV car battery high voltage system, Battery connection of Energy Storage System, flexible cable

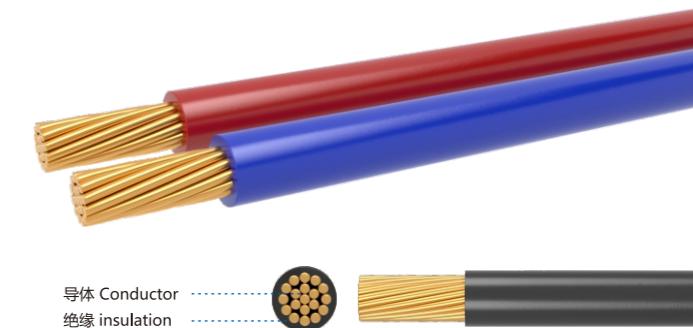
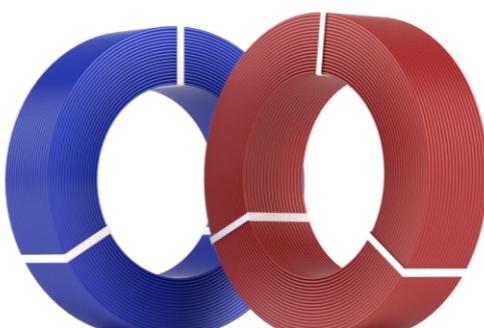
车内线非屏蔽结构表 The Structure of UnShielded Cable

参考标准 Refer to: ISO 19642 & LV 216-2

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
EV-YJ/SIR 1x4	120/0.20AS	2.8	4.71	0.40	3.55
EV-YJ/SIR 1x5	160/0.20AS	3.1	3.94	0.40	4.05
EV-YJ/SIR 1x6	183/0.20AS	3.4	3.14	0.40	4.15
EV-YJ/SIR 1x8	240/0.20AS	4.3	2.38	0.40	4.80
EV-YJ/SIR 1x10	320/0.20AS	4.5	1.82	0.60	5.70
EV-YJ/SIR 1x12	380/0.20AS	5.4	1.52	0.60	6.20
EV-YJ/SIR 1x16	512/0.20AS	5.8	1.16	0.65	6.90
EV-YJ/SIR 1x20	610/0.20AS	6.9	0.955	0.65	7.50
EV-YJ/SIR 1x25	790/0.20AS	7.2	0.743	0.80	8.50
EV-YJ/SIR 1x30	900/0.20AS	8.3	0.647	0.80	9.30
EV-YJ/SIR 1x35	1070/0.20AS	8.5	0.527	0.80	10.2
EV-YJ/SIR 1x40	1200/0.20AS	9.6	0.473	0.89	10.8
EV-YJ/SIR 1x50	1600/0.20AS	10.5	0.368	0.89	11.9
EV-YJ/SIR 1x60	1800/0.20AS	11.6	0.315	1.00	12.8
EV-YJ/SIR 1x70	2175/0.20AS	12.5	0.259	1.00	13.9
EV-YJ/SIR 1x85	2720/0.20AS	13.6	0.219	1.13	15.3
EV-YJ/SIR 1x95	3000/0.20AS	14.8	0.196	1.13	16.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

FHLR2X EV-YJ/SIR



导体 Conductor

绝缘 insulation

电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 125°C/150°C/175°C热固性弹性体

电缆特性

使用温度: -40°C~+125°C/150°C/175°C
额定电压: AC 1000V/DC 1500V
不含卤素, 遵循环保型产品发展方向
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥5×OD, 易于安装

电缆应用

用于电动汽车车内电池高压系统, 储能系统电池连接, 易弯曲电缆

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 125°C/150°C/175°C热固性弹性体

Features

Using temperature: -40°C~+125°C/150°C/175°C
Rated voltage: AC 1000V/DC 1500V
Halogen free, follow the environment-friendly product's developing direction, Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for EV car battery high voltage system, Battery connection of Energy Storage System, flexible cable

车内线非屏蔽结构表 The Structure of UnShielded Cable

参考标准 Refer to: ISO 19642 & LV 216-2

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)
EV-YJ/SIR 1x4	120/0.20AS	2.8	4.71	0.80	4.20
EV-YJ/SIR 1x5	160/0.20AS	3.1	3.94	0.80	4.70
EV-YJ/SIR 1x6	183/0.20AS	3.4	3.14	0.80	4.80
EV-YJ/SIR 1x8	240/0.20AS	4.3	2.38	0.80	5.45
EV-YJ/SIR 1x10	320/0.20AS	4.5	1.82	1.00	6.20
EV-YJ/SIR 1x12	380/0.20AS	5.4	1.52	1.00	7.00
EV-YJ/SIR 1x16	512/0.20AS	5.8	1.16	1.00	8.00
EV-YJ/SIR 1x20	610/0.20AS	6.9	0.955	1.10	8.60
EV-YJ/SIR 1x25	790/0.20AS	7.2	0.743	1.30	9.90
EV-YJ/SIR 1x30	900/0.20AS	8.3	0.647	1.30	10.3
EV-YJ/SIR 1x35	1070/0.20AS	8.5	0.527	1.30	11.0
EV-YJ/SIR 1x40	1200/0.20AS	9.6	0.473	1.40	11.8
EV-YJ/SIR 1x50	1600/0.20AS	10.5	0.368	1.50	12.9
EV-YJ/SIR 1x60	1800/0.20AS	11.6	0.315	1.50	14.0
EV-YJ/SIR 1x70	2175/0.20AS	12.5	0.259	1.50	14.7
EV-YJ/SIR 1x85	2720/0.20AS	13.6	0.219	1.60	16.0
EV-YJ/SIR 1x95	3000/0.20AS	14.8	0.196	1.60	17.2
EV-YJ/SIR 1x120	3700/0.20AS	16.5	0.153	1.60	18.9

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

FHLR2XCB2X EVP-YJ/SIR



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 125°C/150°C/175°C热固性弹性体
屏蔽层: 镀锡铜丝编织
外护套: 125°C/150°C/175°C热固性弹性体

电缆特性

使用温度: -40°C~+125°C/150°C/175°C
额定电压: AC 600V/DC 900V
不含卤素, 遵循环保型产品发展方向
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥5×OD, 易于安装

电缆应用

用于电动汽车车内电池高压系统, 储能系统电池连接, 易弯曲电缆

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 125°C/150°C/175°C热固性弹性体
Screen: Tinned copper wires braided
Sheath: 125°C/150°C/175°C热固性弹性体

Features

Using temperature: -40°C~+125°C/150°C/175°C
Rated voltage: AC 600V/DC 900V
Halogen free, follow the environment-friendly product's developing direction, Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for EV car battery high voltage system, Battery connection of Energy Storage System, flexible cable

车内线非屏蔽结构表 The Structure of UnShielded Cable

参考标准 Refer to: ISO 19642 & LV 216-2

线材规格 Style of the cable (mm ²)	导体 Conductor			绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)
EVP-YJ/SIR 1x4	120/0.20AS	2.8	4.71	0.40	3.55	0.40	4.8
EVP-YJ/SIR 1x5	160/0.20AS	3.1	3.94	0.40	4.05	0.60	5.7
EVP-YJ/SIR 1x6	183/0.20AS	3.4	3.14	0.40	4.15	0.60	5.8
EVP-YJ/SIR 1x8	240/0.20AS	4.3	2.38	0.40	4.80	0.65	6.8
EVP-YJ/SIR 1x10	320/0.20AS	4.5	1.82	0.60	5.70	0.65	7.8
EVP-YJ/SIR 1x12	380/0.20AS	5.4	1.52	0.60	6.20	0.65	8.3
EVP-YJ/SIR 1x16	512/0.20AS	5.8	1.16	0.65	6.90	0.80	9.3
EVP-YJ/SIR 1x20	610/0.20AS	6.9	0.955	0.65	7.50	0.80	9.9
EVP-YJ/SIR 1x25	790/0.20AS	7.2	0.743	0.80	8.50	0.90	11.0
EVP-YJ/SIR 1x30	900/0.20AS	8.3	0.647	0.80	9.30	0.90	11.9
EVP-YJ/SIR 1x35	1070/0.20AS	8.5	0.527	0.80	10.2	1.00	12.9
EVP-YJ/SIR 1x40	1200/0.20AS	9.6	0.473	0.89	10.8	1.00	13.6
EVP-YJ/SIR 1x50	1600/0.20AS	10.5	0.368	0.89	11.9	1.10	14.9
EVP-YJ/SIR 1x60	1800/0.20AS	11.6	0.315	1.00	12.8	1.10	15.9
EVP-YJ/SIR 1x70	2175/0.20AS	12.5	0.259	1.00	13.9	1.10	17.0
EVP-YJ/SIR 1x85	2720/0.20AS	13.6	0.219	1.13	15.3	1.10	18.6
EVP-YJ/SIR 1x95	3000/0.20AS	14.8	0.196	1.13	16.5	1.10	19.5

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.

FHLR2XCB2X EVP-YJ/SIR



电缆结构

导体: 绞合的退火裸软铜线
绝缘体: 125°C/150°C/175°C热固性弹性体
屏蔽层: 镀锡铜丝编织
外护套: 125°C/150°C/175°C热固性弹性体

电缆特性

使用温度: -40°C~+125°C/150°C/175°C
额定电压: AC 1000V/DC 1500V
不含卤素, 遵循环保型产品发展方向
通过IEC 60332-1-2 测试, 良好的抗延燃性
弯曲半径≥5×OD, 易于安装

电缆应用

用于电动汽车车内电池高压系统, 储能系统电池连接, 易弯曲电缆

Cable Structure

Conductor: Annealed soft bare copper
Insulation: 125°C/150°C/175°C热固性弹性体
Screen: Tinned copper wires braided
Sheath: 125°C/150°C/175°C热固性弹性体

Features

Using temperature: -40°C~+125°C/150°C/175°C
Rated voltage: AC 1000V/DC 1500V
Halogen free, follow the environment-friendly product's developing direction, Flame test: IEC 60332-1-2
Bending radius: no less than 4 times the cable diameter

Brief introduction

Used for EV car battery high voltage system, Battery connection of Energy Storage System, flexible cable

车内线非屏蔽结构表 The Structure of UnShielded Cable

参考标准 Refer to: ISO 19642 & LV 216-2

线材规格 Style of the cable (mm ²)	导体 Conductor				绝缘 Insulation		护套 Sheath	
	导体结构 Conductor construction (No./mm)	绞合外径 Stranded Dia. (mm)	20°C最大电阻 Conductor Max. Resistance AT 20°C (Ω/km)	标称厚度 Nominal Thickness (mm)	绝缘外径 Insulation Dia. (mm)	标称厚度 Nominal Thickness (mm)	护套外径 Sheath Dia. (mm)	
EV-YJ/SIR 1x4	120/0.20AS	2.8	4.71	0.40	3.55	0.40	4.8	
EV-YJ/SIR 1x5	160/0.20AS	3.1	3.94	0.40	4.05	0.60	5.7	
EV-YJ/SIR 1x6	183/0.20AS	3.4	3.14	0.40	4.15	0.60	5.8	
EV-YJ/SIR 1x8	240/0.20AS	4.3	2.38	0.40	4.80	0.65	6.8	
EV-YJ/SIR 1x10	320/0.20AS	4.5	1.82	0.60	5.70	0.65	7.8	
EV-YJ/SIR 1x12	380/0.20AS	5.4	1.52	0.60	6.20	0.65	8.3	
EV-YJ/SIR 1x16	512/0.20AS	5.8	1.16	0.65	6.90	0.80	9.3	
EV-YJ/SIR 1x20	610/0.20AS	6.9	0.955	0.65	7.50	0.80	9.9	
EV-YJ/SIR 1x25	790/0.20AS	7.2	0.743	0.80	8.50	0.90	11.0	
EV-YJ/SIR 1x30	900/0.20AS	8.3	0.647	0.80	9.30	0.90	11.9	
EV-YJ/SIR 1x35	1070/0.20AS	8.5	0.527	0.80	10.2	1.00	12.9	
EV-YJ/SIR 1x40	1200/0.20AS	9.6	0.473	0.89	10.8	1.00	13.6	
EV-YJ/SIR 1x50	1600/0.20AS	10.5	0.368	0.89	11.9	1.10	14.9	
EV-YJ/SIR 1x60	1800/0.20AS	11.6	0.315	1.00	12.8	1.10	15.9	
EV-YJ/SIR 1x70	2175/0.20AS	12.5	0.259	1.00	13.9	1.10	17.0	
EV-YJ/SIR 1x85	2720/0.20AS	13.6	0.219	1.13	15.3	1.10	18.6	
EV-YJ/SIR 1x95	3000/0.20AS	14.8	0.196	1.13	16.5	1.10	19.5	

备注: 详细尺寸以产品规格书为准。The product's description please refer to the specification for approval.