



ENERGY STORAGE PRODUCT CATALOGUE



储能产品索引

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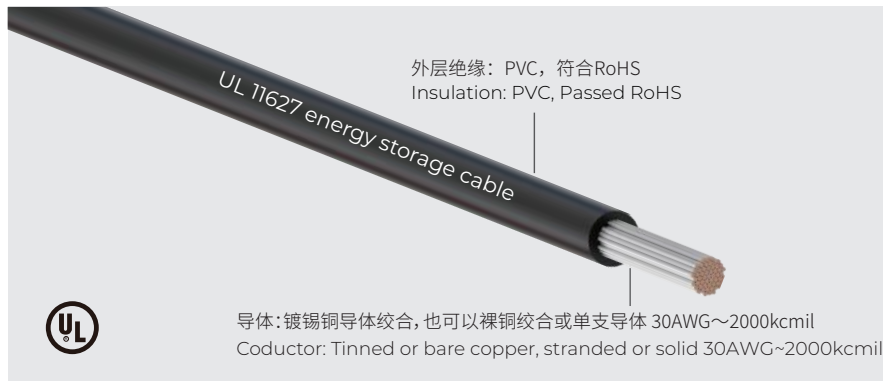
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UL 11627



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistance
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

额定温度 Rated Temperature 105°C
额定电压 Rated Voltage 2000Vac or 2000Vdc

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FT1

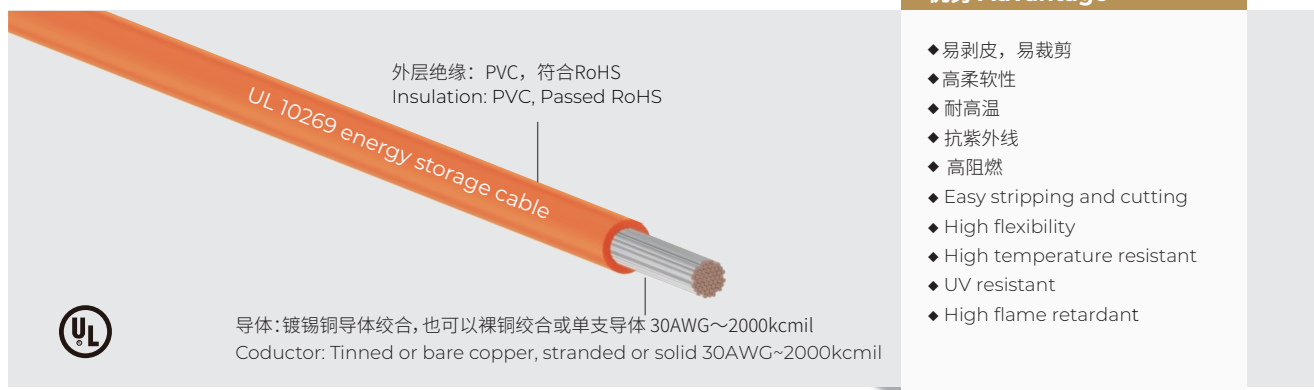
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	2.2	94.2
22	0.76	2.4	59.4
20	0.76	2.6	36.7
18	0.76	2.8	23.2
16	0.76	3.1	14.6
14	0.76	3.5	8.96
12	0.76	4.0	5.64
10	0.76	4.7	3.54
9	0.76	5.4	2.81
8	1.14	6.6	2.23
7	1.14	7.1	1.768
6	1.52	8.5	1.403
5	1.52	9.1	1.113
4	1.52	9.9	0.882
3	1.52	10.8	0.6996
2	1.52	11.7	0.5548
1	2.03	14.0	0.4398
1/0	2.03	15.1	0.3487
2/0	2.03	16.5	0.2766
3/0	2.03	17.6	0.2194
4/0	2.03	19.3	0.1722

UL 10269



特性 Characteristics

额定温度 Rated Temperature 80°C, 90°C, 105°C
额定电压 Rated Voltage 1000Vac or 1250Vdc

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FT1

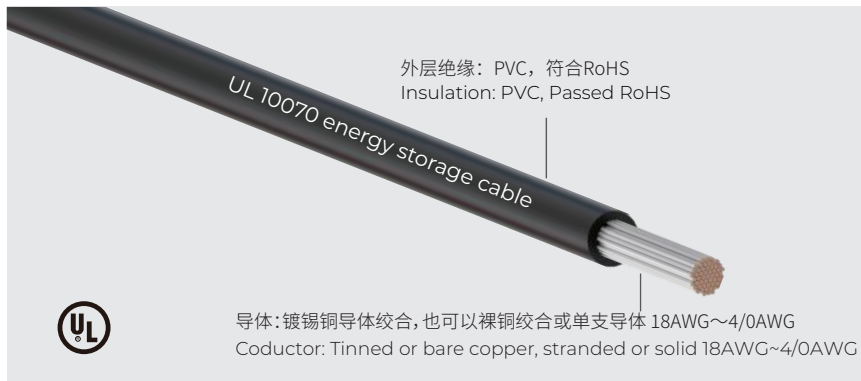
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	2.2	94.2
22	0.76	2.4	59.4
20	0.76	2.6	36.7
18	0.76	2.8	23.2
16	0.76	3.1	14.6
14	0.76	3.5	8.96
12	0.76	4.0	5.64
10	0.76	4.7	3.54
9	0.76	5.4	2.81
8	1.14	6.6	2.23
7	1.14	7.1	1.768
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5	1.52	9.1	1.113
4	1.52	9.9	0.882
3	1.52	10.8	0.6996
2	1.52	11.7	0.5548
1	2.03	14.0	0.4398
1/0	2.03	15.1	0.3487
2/0	2.03	16.5	0.2766
3/0	2.03	17.6	0.2194
4/0	2.03	19.3	0.1722

UL 10070



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

额定温度 Rated Temperature 105°C
额定电压 Rated Voltage 600Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FT1

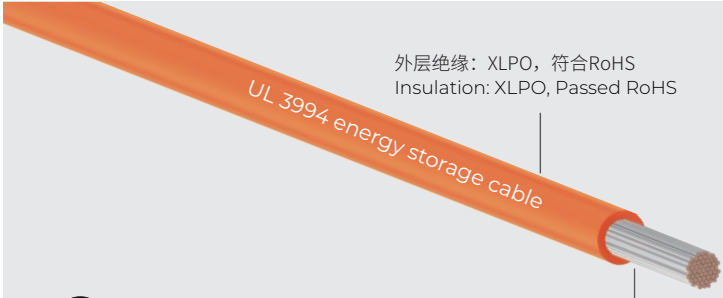
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
18	0.76	2.8	23.2
16	0.76	3.1	14.6
14	0.76	3.5	8.96
12	0.76	4.0	5.64
10	0.76	4.9	3.54
9	0.76	5.3	2.81
8	1.14	6.5	2.23
7	1.14	7.0	1.768
6	1.52	8.3	1.403
5	1.52	8.9	1.113
4	1.52	9.7	0.882
3	1.52	10.5	0.6996
2	1.52	11.6	0.5548
1	2.03	13.4	0.4398
1/0	2.03	14.6	0.3487
2/0	2.03	16.0	0.2766
3/0	2.03	17.4	0.2194
4/0	2.03	19.0	0.1722

UL 3994



外层绝缘: XLPO, 符合RoHS
Insulation: XLPO, Passed RoHS

导体: 镀锡铜导体绞合, 也可以裸铜绞合或单支导体 50AWG~2000kcmil
Conductor: Tinned or bare copper, stranded or solid 50AWG~2000kcmil

UL

优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature -40°C~ +105°C
额定电压 Rated Voltage 2000Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

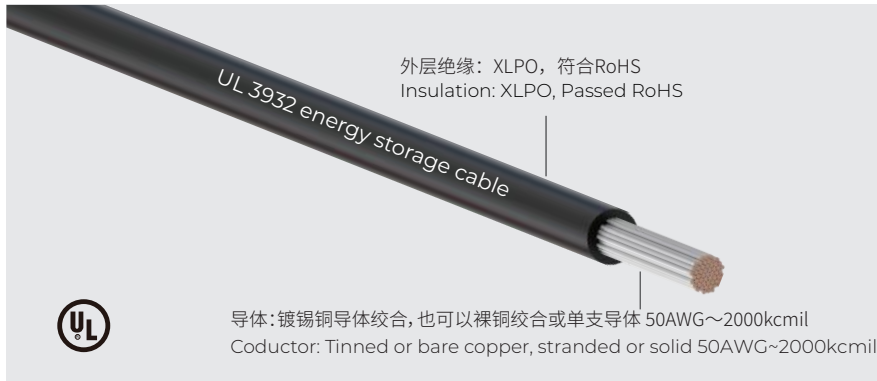
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	2.2	94.2
22	0.76	2.4	59.4
20	0.76	2.6	36.7
18	0.76	2.8	23.2
16	0.76	3.1	14.6
14	0.76	3.5	8.96
12	0.76	4.0	5.64
10	0.76	4.9	3.54
9	0.76	5.3	2.81
8	1.15	6.5	2.23
7	1.15	7.0	1.768
6	1.15	7.6	1.403
5	1.15	8.2	1.113
4	1.15	9.0	0.882
3	1.15	9.8	0.6996
2	1.15	10.9	0.5548
1	1.40	12.3	0.4398
1/0	1.40	13.4	0.3487
2/0	1.40	14.7	0.2766
3/0	1.40	16.2	0.2194
4/0	1.40	17.8	0.1722

UL 3932



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature -40°C~ +125°C
额定电压 Rated Voltage 2000Vac

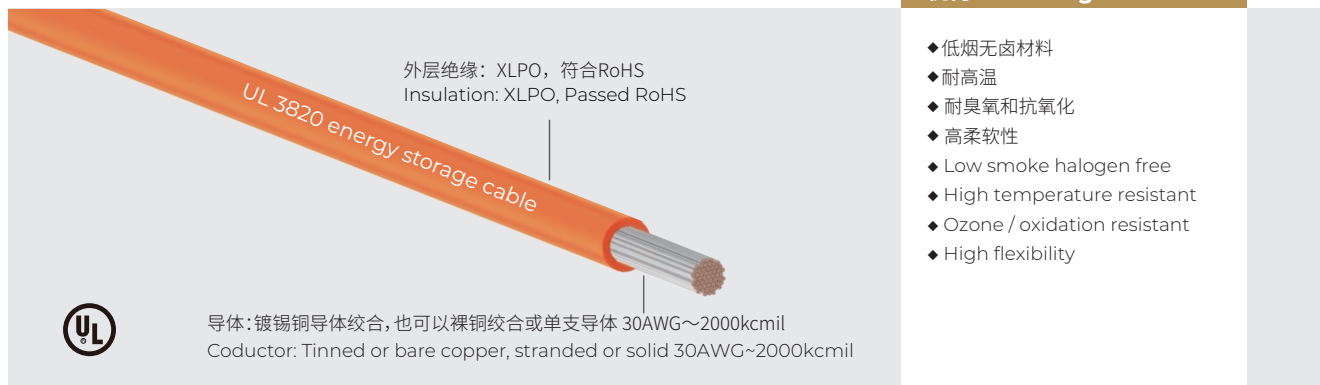
执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲
Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	1.65	94.2
22	0.76	1.8	59.4
20	0.76	2.0	36.7
18	0.76	2.2	23.2
16	0.76	2.6	14.6
14	0.76	2.9	8.96
12	0.76	3.4	5.64
10	0.76	4.3	3.54
9	0.76	4.7	2.81
8	1.15	5.2	2.23
7	1.15	5.7	1.768
6	1.15	6.2	1.403
5	1.15	6.8	1.113
4	1.15	7.6	0.882
3	1.15	8.5	0.6996
2	1.15	9.5	0.5548
1	1.40	10.3	0.4398
1/0	1.40	11.7	0.3487
2/0	1.40	13.1	0.2766
3/0	1.40	14.5	0.2194
4/0	1.40	16.1	0.1722

UL 3820



特性 Characteristics

额定温度 Rated Temperature -40°C~ +125°C
额定电压 Rated Voltage 1000Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame UL FT2

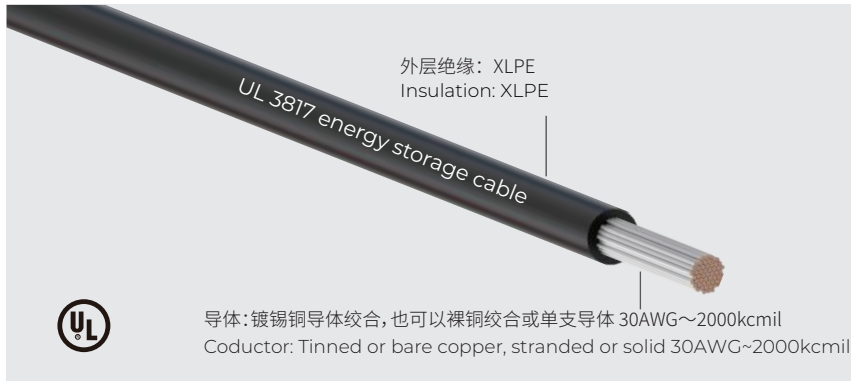
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	2.2	94.2
22	0.76	2.4	59.4
20	0.76	2.6	36.7
18	0.76	2.8	23.2
16	0.76	3.1	14.6
14	0.76	3.5	8.96
12	0.76	4.0	5.64
10	0.76	4.9	3.54
9	0.76	5.3	2.81
8	1.15	6.5	2.23
7	1.15	7.0	1.768
6	1.15	7.6	1.403
5	1.15	8.2	1.113
4	1.15	9.0	0.882
3	1.15	9.8	0.6996
2	1.15	10.9	0.5548
1	1.40	12.3	0.4398
1/0	1.40	13.4	0.3487
2/0	1.40	14.7	0.2766
3/0	1.40	16.2	0.2194
4/0	1.40	17.8	0.1722

UL 3817



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

额定温度 Rated Temperature -40°C~ +125°C
 额定电压 Rated Voltage 3000Vac

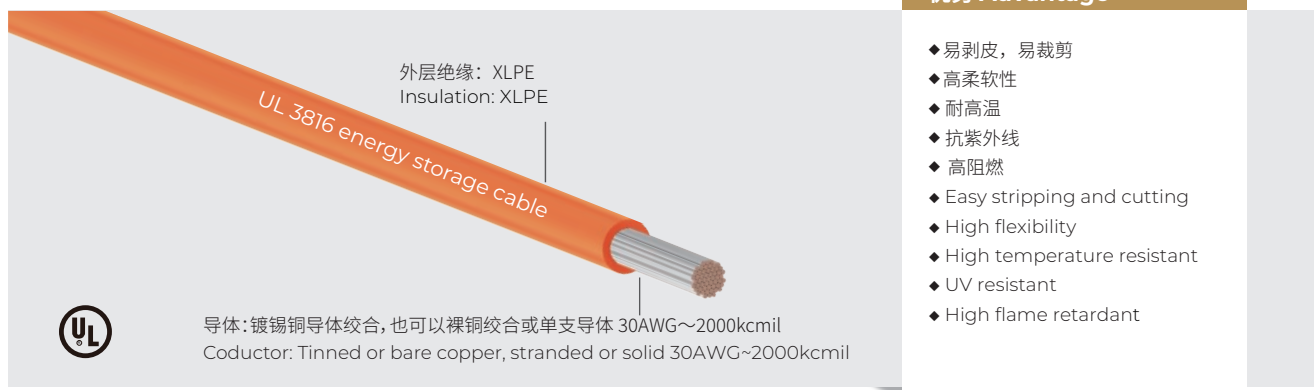
执行标准 According To UL758, UL1581
 阻燃测试 Flame Test Horizontal flame
 UL VW-1

应用 Application

用于储能系统中的电源管理系统, 柔软易弯曲。
 Used for power management of battery energy storage system, flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	1.7	94.2
22	0.76	1.9	59.4
20	0.76	2.1	36.7
18	0.76	2.3	23.2
16	0.76	2.6	14.6
14	0.76	3.0	8.96
12	0.76	3.5	5.64
10	0.76	4.4	3.54
9	0.76	4.8	2.81
8	1.15	5.3	2.23
7	1.15	5.7	1.768
6	1.15	6.3	1.403
5	1.15	6.9	1.113
4	1.15	7.7	0.882
3	1.15	8.5	0.6996
2	1.15	9.5	0.5548
1	1.40	10.4	0.4398
1/0	1.40	11.8	0.3487
2/0	1.40	13.1	0.2766
3/0	1.40	14.6	0.2194
4/0	1.40	16.2	0.1722

UL 3816



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

额定温度 Rated Temperature -40°C~ +150°C
额定电压 Rated Voltage 3000Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	2.2	94.2
22	0.76	2.4	59.4
20	0.76	2.6	36.7
18	0.76	2.8	23.2
16	0.76	3.1	14.6
14	0.76	3.5	8.96
12	0.76	4.0	5.64
10	0.76	4.9	3.54
9	0.76	5.3	2.81
8	1.15	6.5	2.23
7	1.15	7.0	1.768
6	1.15	7.6	1.403
5	1.15	8.2	1.113
4	1.15	9.0	0.882
3	1.15	9.8	0.6996
2	1.15	10.9	0.5548
1	1.40	12.3	0.4398
1/0	1.40	13.4	0.3487
2/0	1.40	14.7	0.2766
3/0	1.40	16.2	0.2194
4/0	1.40	17.8	0.1722

UL 3666



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

额定温度 Rated Temperature -40°C~ +105°C
额定电压 Rated Voltage 600Vac

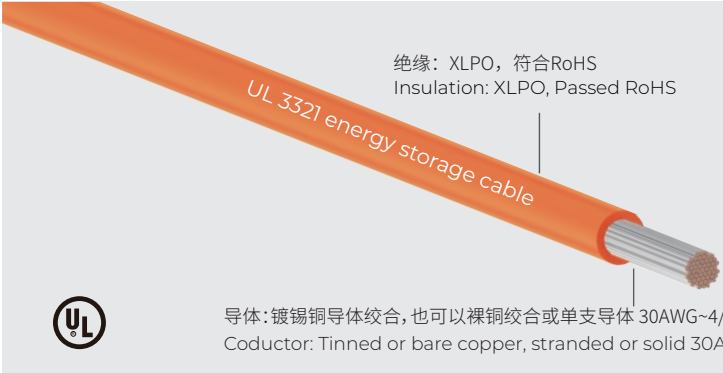
执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1

应用 Application

用于储能系统中的电源管理系统, 柔软易弯曲。
Used for power management of battery energy storage system, flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
26	0.38	1.30	150
24	0.38	1.45	94.2
22	0.38	1.60	59.4
20	0.38	1.80	36.7
18	0.38	2.00	23.2
16	0.38	2.40	14.6

UL 3321



绝缘: XLPO, 符合RoHS
Insulation: XLPO, Passed RoHS

导体: 镀锡铜导体绞合, 也可以裸铜绞合或单支导体 30AWG~4/0AWG
Conductor: Tinned or bare copper, stranded or solid 30AWG~4/0AWG

优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature 150°C
额定电压 Rated Voltage 600Vac, 750Vdc

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
26	0.76	2.10	150
24	0.76	2.20	94.2
22	0.76	2.35	59.4
20	0.76	2.55	36.7
18	0.76	2.80	23.2
16	0.76	3.15	14.6
14	0.76	3.55	8.96
12	0.76	4.05	5.64
10	0.76	4.90	3.546
8	1.15	6.60	2.23
6	1.15	7.80	1.403
4	1.15	9.10	0.882
2	1.53	11.60	0.5548
1	2.03	13.70	0.4398
1/0	2.03	14.90	0.3487
2/0	2.03	16.20	0.2766
3/0	2.03	17.70	0.2194
4/0	2.03	19.10	0.1722

UL 3289



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature 150°C
额定电压 Rated Voltage 600Vac, 750Vdc

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

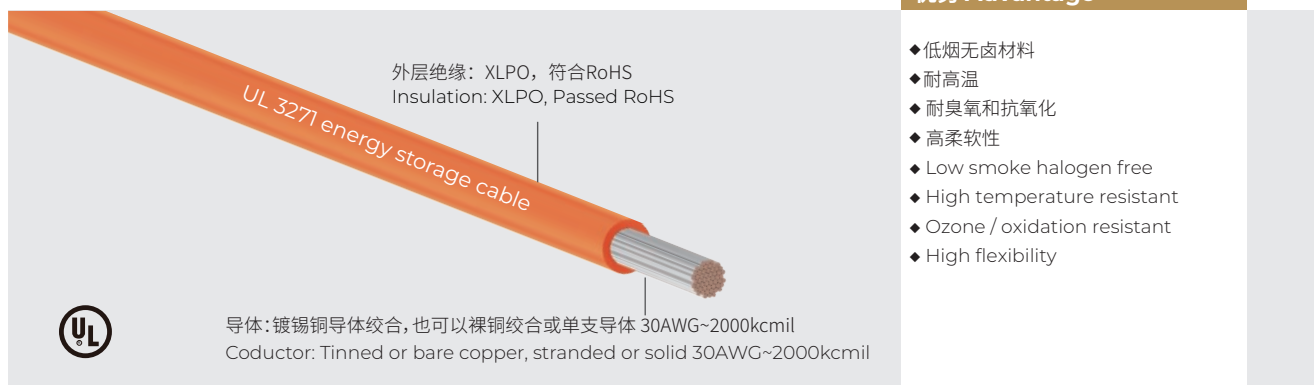
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
26	0.76	2.10	150
24	0.76	2.20	94.2
22	0.76	2.35	59.4
20	0.76	2.55	36.7
18	0.76	2.80	23.2
16	0.76	3.15	14.6
14	0.76	3.55	8.96
12	0.76	4.05	5.64
10	0.76	4.90	3.546
8	1.15	6.60	2.23
6	1.53	8.60	1.403
4	1.53	9.90	0.882
2	1.53	11.60	0.5548
1	2.03	13.70	0.4398
1/0	2.03	14.90	0.3487
2/0	2.03	16.20	0.2766
3/0	2.03	17.70	0.2194
4/0	2.03	19.10	0.1722

UL 3271



特性 Characteristics

额定温度 Rated Temperature 125°C
额定电压 Rated Voltage 600Vac, 750Vdc

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FT1


应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
26	0.76	2.10	150
24	0.76	2.20	94.2
22	0.76	2.35	59.4
20	0.76	2.55	36.7
18	0.76	2.80	23.2
16	0.76	3.15	14.6
14	0.76	3.55	8.96
12	0.76	4.05	5.64
10	0.76	4.90	3.546
8	1.15	6.60	2.23
6	1.15	7.80	1.403
4	1.15	9.10	0.882
2	1.15	10.90	0.5548
1	1.40	12.50	0.4398
1/0	1.40	13.60	0.3487
2/0	1.40	15.00	0.2766
3/0	1.40	16.50	0.2194
4/0	1.40	17.90	0.1722

UL 3266



绝缘: XLPO, 符合RoHS
Insulation: XLPO, Passed RoHS

导体: 镀锡铜导体绞合, 也可以裸铜绞合或单支导体 32AWG~10AWG
Conductor: Tinned or bare copper, stranded or solid 32AWG~10AWG

优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature 125°C
额定电压 Rated Voltage 300Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

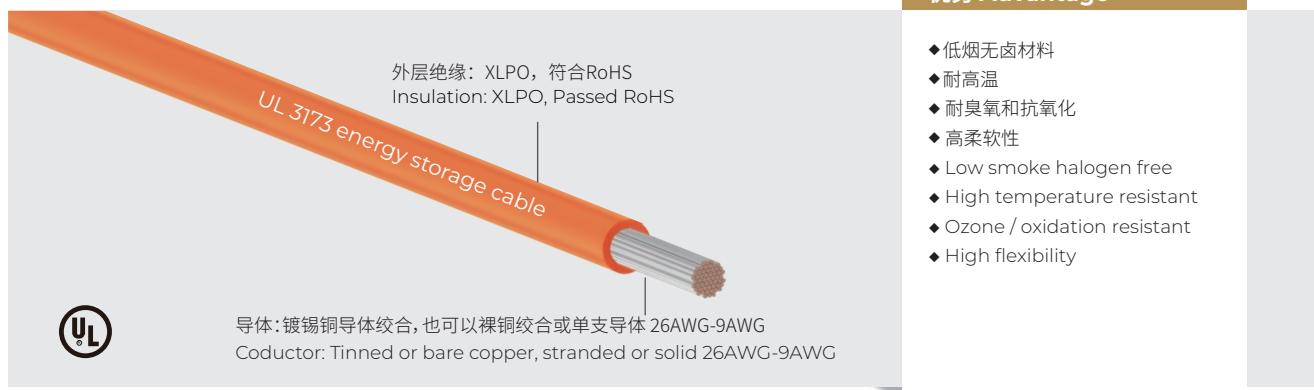
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
26	0.38	1.30	14894
24	0.38	1.43	9325
22	0.38	1.58	5500
20	0.38	1.76	34.60
18	0.38	2.00	21.80
16	0.38	2.32	14.64
14	0.38	2.70	9.25
12	0.38	3.20	5.82
10	0.38	4.00	3.66

UL 3173



特性 Characteristics

额定温度 Rated Temperature 125°C
额定电压 Rated Voltage 600Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL FT2

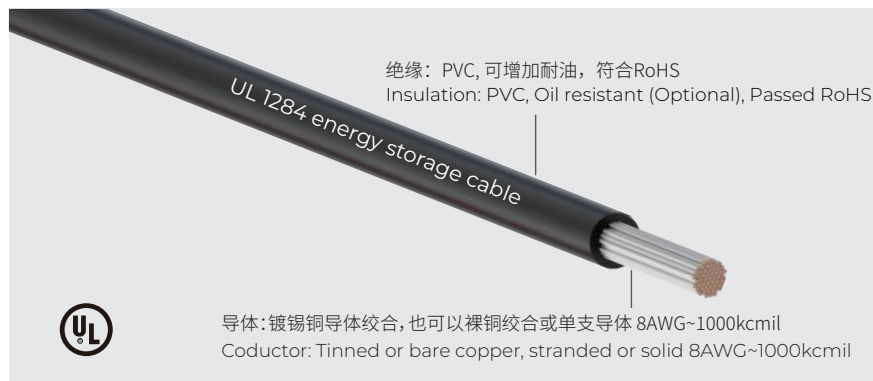
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
26	0.76	2.10	150
24	0.76	2.20	94.2
22	0.76	2.35	59.4
20	0.76	2.55	36.7
18	0.76	2.80	23.2
16	0.76	3.15	14.6
14	0.76	3.55	8.96
12	0.76	4.05	5.64
10	0.76	4.90	3.41

UL 1284



优势 Advantage

- ◆ 防潮湿
- ◆ 耐酸
- ◆ 耐油
- ◆ 易剥皮, 易裁剪
- ◆ Anti-moisture
- ◆ Acid resistant
- ◆ Oil resistant
- ◆ Easy stripping and cutting

特性 Characteristics

额定温度 Rated Temperature 105°C
额定电压 Rated Voltage 600Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FT1

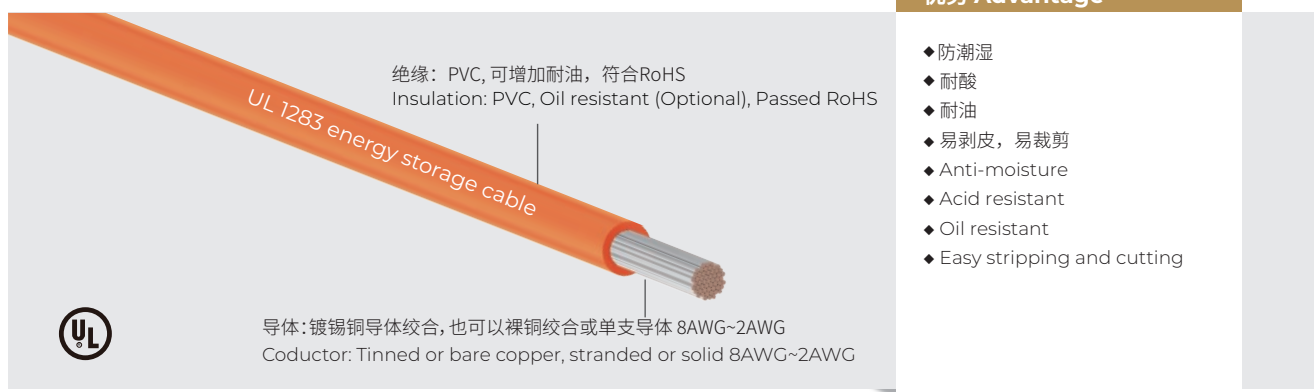
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
8	2.03	8.30	2.35
7	2.03	8.80	1.87
6	2.03	9.40	1.48
5	2.03	10.0	1.17
4	2.03	10.70	0.928
3	2.03	11.50	0.744
2	2.03	12.50	0.590
1	2.03	13.50	0.467
1/0	2.03	14.60	0.370
2/0	2.03	16.00	0.297
3/0	2.03	17.50	0.236
4/0	2.03	19.10	0.187

UL 1283



特性 Characteristics

额定温度 Rated Temperature 105°C
额定电压 Rated Voltage 600Vac

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FTI

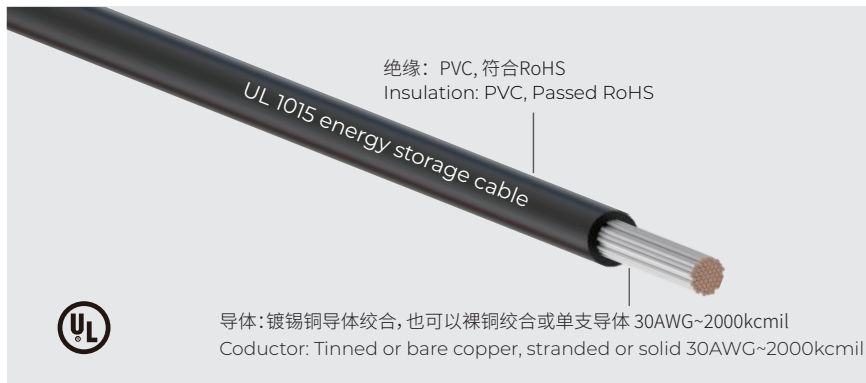
应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
8	1.52	7.30	2.35
7	1.52	7.80	1.87
6	1.52	8.40	1.48
5	1.52	9.00	1.17
4	1.52	9.70	0.928
3	1.52	10.50	0.744
2	1.52	11.50	0.590

UL 1015



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 抗氧化
- ◆ 性能稳定
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ Oxidation resistant
- ◆ Stable performance

特性 Characteristics

额定温度 Rated Temperature 80°C, 90°C, 105°C
额定电压 Rated Voltage 600Vac or 750Vdc

执行标准 According To UL758, UL1581
阻燃测试 Flame Test Horizontal flame
UL VW-1 & CSA FT1

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

线缆规格 Cross Section (AWG)	绝缘厚度 Insulation Nom Thickness (mm)	成品外径 Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
24	0.76	2.20	93.25
22	0.76	2.35	55.00
20	0.76	2.55	34.60
18	0.76	3.78	21.80
16	0.76	3.10	14.64
14	0.76	3.50	9.25
12	0.76	4.00	5.82
10	0.76	4.60	3.66
9	0.76	5.30	2.96
8	1.14	6.50	2.35
7	1.14	7.00	1.87
6	1.52	8.40	1.48
5	1.52	9.00	1.17
4	1.52	9.70	0.928
3	1.52	10.5	0.744
2	1.52	11.5	0.590
1	2.03	13.5	0.467
1/0	2.03	14.6	0.370
2/0	2.03	16.0	0.297
3/0	2.03	17.5	0.236
4/0	2.03	19.1	0.187

TÜV ESL10Z3-K/H



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 易于安装
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Easy to install

特性 Characteristics

额定温度 Rated Temperature -40°C ~ +125°C
 额定电压 Rated Voltage 1000Vdc

执行标准 According To TÜV 2 PfG 2693/03.23

应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接。

Used for battery energy storage system, battery connection, connection between battery and shunt box.

线缆名称 Cable Name	线缆规格 Cross Section	绝缘厚度 Insulation Nom Thickness (mm)	成品最大外径 Cable Max O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
ESL10Z3-K	4	0.70	4.60	4.95
	6	0.70	5.20	3.30
	10	0.70	6.60	1.91
	16	0.70	7.80	1.21
	25	0.90	9.60	0.780
	35	0.90	11.50	0.554
	50	1.00	13.50	0.386
	70	1.10	15.50	0.272
	95	1.10	17.50	0.206
	120	1.20	19.50	0.161
	150	1.40	22.00	0.129
	185	1.60	24.00	0.106
	240	1.70	27.50	0.0801

* 标志说明 Symbol illustration:

环境特性 Environment characteristic: L —— 室内 Indoor use.

导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.

TÜV ESP/L10Z3Z3-K/H SM-R DH-R



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 耐盐雾
- ◆ 耐湿热
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Salt mist resistant
- ◆ Damp heat resistant

特性 Characteristics

额定温度 Rated Temperature -40°C ~ +125°C
额定电压 Rated Voltage 1000Vdc

执行标准 According To TÜV 2 PfG 2693/03.23

应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接, 可以应用于外部连接。

Used for battery energy storage system, battery connection, connection between battery and shunt box, and can be used for outdoor.

线缆名称 Cable Name	线缆规格 Cross Section	绝缘厚度 Insulation Nom Thickness (mm)	绝缘最大外径 Insulation Max O.D. (mm)	护套厚度 Jacket Nom Thickness (mm)	成品最大外径 Cable Max O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
ESP/L10Z3Z3-K SM-R DH-R	4	0.70	4.60	1.00	6.80	4.95
	6	0.70	5.20	1.00	7.60	3.30
	10	0.70	6.60	1.10	9.00	1.91
	16	0.70	7.80	1.10	10.50	1.21
	25	0.90	9.60	1.20	12.50	0.780
	35	0.90	11.50	1.20	14.00	0.554
	50	1.00	13.50	1.30	16.00	0.386
	70	1.10	15.50	1.400	18.50	0.272
	95	1.10	17.50	1.50	21.00	0.206
	120	1.20	19.50	1.60	23.00	0.161
	150	1.40	22.00	1.70	25.50	0.129
	185	1.60	24.00	1.80	28.00	0.106
240	1.70	27.50	1.90	31.50	0.0801	

* 标志说明 Symbol illustration:

环境特性 Environment characteristic: P —— 室外 Outdoor use. L —— 室内 Indoor use

导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.

特殊特性 Special characteristic: SM-R —— 耐盐雾 Salt mist resistant. DH-R —— 耐湿热 Damp heat resistant.

TÜV ESL15Z3-K/H



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 易于安装
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Easy to install

特性 Characteristics

额定温度 Rated Temperature -40°C ~ +125°C
 额定电压 Rated Voltage 1500Vdc

执行标准 According To TÜV 2 Pfg 2693/03.23

应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接。

Used for battery energy storage system, battery connection, connection between battery and shunt box.

线缆名称 Cable Name	线缆规格 Cross Section	绝缘厚度 Insulation Nom Thickness (mm)	成品最大外径 Cable Max O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
ESL15Z3-K	4	0.80	4.80	4.95
	6	0.80	5.40	3.30
	10	1.00	7.40	1.91
	16	1.10	8.60	1.21
	25	1.30	10.50	0.780
	35	1.30	12.50	0.554
	50	1.50	14.50	0.386
	70	1.50	16.50	0.272
	95	1.50	18.50	0.206
	120	1.50	20.00	0.161
	150	1.70	22.50	0.129
	185	1.90	25.00	0.106
	240	2.00	28.00	0.0801

* 标志说明 Symbol illustration:

环境特性 Environment characteristic: L —— 室内 Indoor use.

导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.

TÜV ESP/L15Z3Z3-K/H SM-R DH-R



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 耐盐雾
- ◆ 耐湿热
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Salt mist resistant
- ◆ Damp heat resistant

特性 Characteristics

额定温度 Rated Temperature -40°C ~ +125°C
额定电压 Rated Voltage 1500Vdc

执行标准 According To TÜV 2 PfG 2693/03.23

应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接, 可以应用于外部连接。

Used for battery energy storage system, battery connection, connection between battery and shunt box, and can be used for outdoor.

线缆名称 Cable Name	线缆规格 Cross Section	绝缘厚度 Insulation Nom Thickness (mm)	绝缘最大外径 Insulation Max O.D. (mm)	护套厚度 Jacket Nom Thickness (mm)	成品最大外径 Cable Max O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
ESP/L15Z3Z3-K SM-R DH-R	4	0.80	4.80	1.00	7.00	4.95
	6	0.80	5.40	1.00	7.80	3.30
	10	1.00	7.40	1.10	9.60	1.91
	16	1.10	8.60	1.10	11.00	1.21
	25	1.30	10.50	1.20	13.00	0.780
	35	1.30	12.50	1.20	15.00	0.554
	50	1.50	14.50	1.30	17.50	0.386
	70	1.50	16.50	1.40	19.50	0.272
	95	1.50	18.50	1.50	21.50	0.206
	120	1.50	20.00	1.60	23.50	0.161
	150	1.70	22.50	1.70	26.00	0.129
	185	1.90	25.00	1.80	28.50	0.106
240	2.00	28.00	1.90	32.00	0.0801	

* 标志说明 Symbol illustration:

环境特性 Environment characteristic: P —— 室外 Outdoor use. L —— 室内 Indoor use

导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.

特殊特性 Special characteristic: SM-R —— 耐盐雾 Salt mist resistant. DH-R —— 耐湿热 Damp heat resistant.

储能线束 Energy Storage Harness



线缆规格 Cross Section (AWG)	连接器型号 Connector Type	额定系统电压 System Voltage	工作温度 Operating Temperature	防火等级 Fire Rating
4mm ² ~150mm ² (24AWG ~ 4/0AWG)	安费诺 Amphenol 菲尼克斯 PHOENIX	L: 300V H: 3000V	-40~ +125°C	UL 94-V0



专注提供新能源连接解决方案。
Focus on energy connection solution.

丹阳市伟鹤祥线缆制造有限公司

Danyang Winpower Wire and Cable Mfg Co., Ltd.

Add: 江苏省镇江市丹阳市陵口工业园

Lingkou Industrial Park, Lingkou Town, Danyang City, Zhengjiang City,

Jiangsu, China

Tel: +86 18921590399

E-mail: inquiry@pv-cable-supplier.com

Web: www.whxcable.com

www.pv-cable-supplier.com