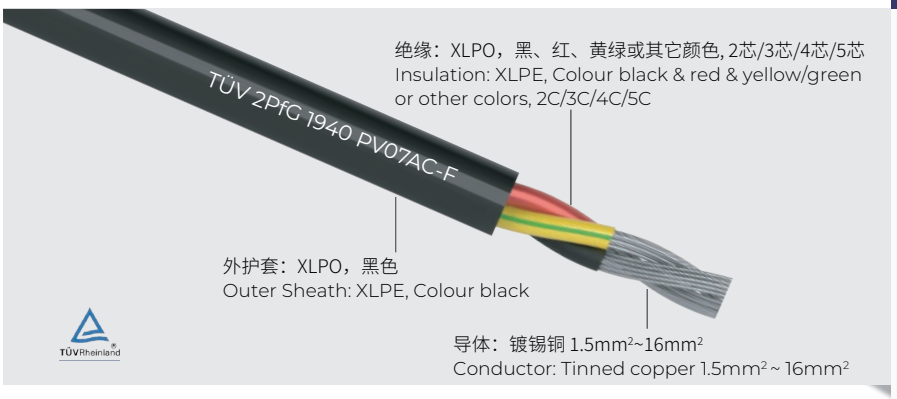
EV CHARGING CABLE

CATALOGUE

充电产品索引
CHARGING PRODUCTS INDEX

线缆 Cable

TÜV 2PfG 1940 PV07AC-F



优势 Advantage

- 低烟无卤
- 高阻燃IEC60332-1
- 高柔软性
- 耐低温
- 耐酸碱
- Low smoke halogen-free
- High flame retardant IEC60332-1
- High flexibility
- Low temperature resistance
- Acid and alkali resistant

特性 Characteristics

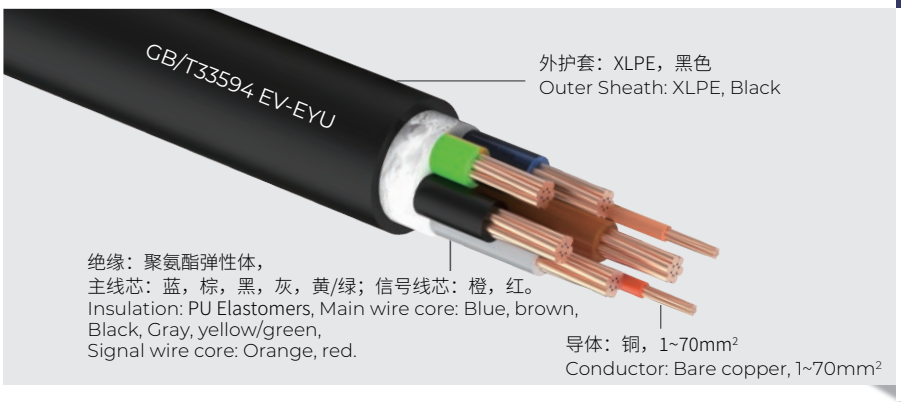
额定电压 Rated Voltage	450 / 750V		**工作温度**	**Operating Temperature**	-40 ~ +90°C
测试电压 Test Voltage	6kVac / 5min		**导体最高温度**	**Max. Conductor Temp**	120°C

应用 Application

新能源系统中的交流应用端的电缆，应用于光伏CSP系统、风电系统中的交流电缆。
AC cables on the AC application end of new energy systems are used in photovoltaic CSP systems and wind power systems.

芯数 Cores No.	导体横截面积 Cross Section (mm²)	绝缘厚度 Insulation Nom Thickness (mm)	绝缘外径 Insulation O.D. (mm)	外层护套厚度 Outer Sheath 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)
3	2.5	0.80	3.80	1.02	10.3	8.21
	4	0.80	4.30	1.16	11.3	5.09
	6	0.80	4.80	1.32	13.1	3.39
	10	0.80	5.80	1.60	15.8	1.95
4	2.5	0.80	3.80	1.15	11.5	8.21
	4	0.80	4.30	1.30	13.0	5.09
	6	0.80	4.80	1.48	14.6	3.39
	10	0.80	5.80	1.79	17.6	1.95
5	2.5	0.80	3.80	1.28	12.9	8.21
	4	0.80	4.30	1.46	14.6	5.09
	6	0.80	4.80	1.65	16.4	3.39
	10	0.80	5.80	2.00	19.8	1.95

GB/T33594 EV-EYU



优势 Advantage

- 耐低温
- 耐油
- 耐酸碱
- 耐臭氧
- 耐水解
- Low temperature resistance
- Oil resistant
- Acid and alkali resistant
- Ozone resistant
- Hydrolysis resistance

特性 Characteristics

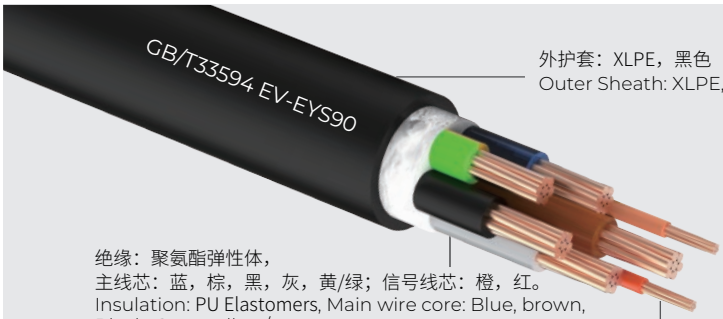
额定电压 Rated Voltage	AC 450 / 750V		**工作温度 Operating Temperature**	-40 ~ +80°C
阻燃测试 Flame Test	IEC60332-1		**执行标准 According To**	GB/T33594

应用 Application

应用于电动汽车传导充电连接装置。
Used in conductive charging connection devices for electric vehicles.

线缆规格 Cross Section (mm^2)	允许电流参考值 Permissible ampacity(Ref.) (A)	绝缘厚度 Insulation Nom Thickness (mm)	外层护套厚度 Outer Sheath Nom Thickness (mm)	无屏蔽成品外径 Non-shielded Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
3x1.5mm²+(0～6)x(0.5～1.0)	10	0.70	1.00	9.7~12.5	13.3
3x2.5mm²+(0～6)x(0.5～1.0)	16	0.70	1.10	10.6~13.7	7.98
3x4mm²+(0～6)x(0.5～1.0)	20	0.70	1.10	11.6~14.9	4.95
3x6mm²+(0～6)x(0.5～1.0)	32	0.70	1.20	12.9~16.4	3.30
3x10mm²+(0～6)x(0.5～1.0)	40	0.70	1.30	14.7~18.7	1.91
3x16mm²+(0～6)x(0.5～1.0)	63	0.70	1.50	17.0~21.6	1.21
5x2.5mm²+(0～6)x(0.5～1.0)	16	0.70	1.20	12.7~16.2	7.98
5x4mm²+(0～6)x(0.5～1.0)	20	0.70	1.30	14.2~18.1	4.95
5x6mm²+(0～6)x(0.5～1.0)	32	0.70	1.40	15.7~20.0	3.30
5x10mm²+(0～6)x(0.5～1.0)	40	0.70	1.60	18.3~23.3	1.91
5x16mm²+(0～6)x(0.5～1.0)	63	0.70	1.70	21.1~26.8	1.21
5x25mm²+(0～6)x(0.5～1.0)	80	0.90	2.00	26.2~33.1	0.780
5x35mm²+(0～6)x(0.5～1.0)	125	0.90	2.20	29.4~37.1	0.554

GB/T33594 EV-EYS90



优势 Advantage

- 耐低温
- 耐油
- 耐酸碱
- 耐臭氧
- 耐水解
- Low temperature resistance
- Oil resistant
- Acid and alkali resistant
- Ozone resistant
- Hydrolysis resistance

特性 Characteristics

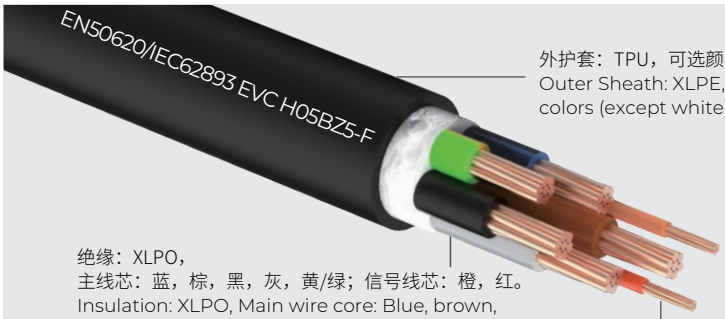
额定电压 Rated Voltage	AC 450 / 750V		**工作温度 Operating Temperature**	-40 ~ + 90°C
阻燃测试 Flame Test	IEC60332-1		**执行标准 According To**	GB/T33594

应用 Application

应用于电动汽车传导充电连接装置。
Used in conductive charging connection devices for electric vehicles.

线缆规格 Cross Section (mm^2)	允许电流参考值 Permissible ampacity(Ref.) (A)	绝缘厚度 Insulation Nom Thickness (mm)	外层护套厚度 Outer Sheath Nom Thickness (mm)	无屏蔽成品外径 Non-shielded Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
3x1.5mm²+(0～6)x(0.5～1.0)	10	0.70	1.70	11.0~14.2	13.3
3x2.5mm²+(0～6)x(0.5～1.0)	16	0.70	1.80	12.0~15.4	7.98
3x4mm²+(0～6)x(0.5～1.0)	20	0.70	1.90	13.1~16.8	4.95
3x6mm²+(0～6)x(0.5～1.0)	32	0.70	2.00	14.4~18.4	3.30
3x10mm²+(0～6)x(0.5～1.0)	40	0.70	2.20	16.4~20.9	1.91
3x16mm²+(0～6)x(0.5～1.0)	63	0.70	2.50	18.9~24.0	1.21
5x2.5mm²+(0～6)x(0.5～1.0)	16	0.70	2.00	14.2~18.1	7.98
5x4mm²+(0～6)x(0.5～1.0)	20	0.70	2.20	15.9~20.3	4.95
5x6mm²+(0～6)x(0.5～1.0)	32	0.70	2.30	17.5~22.2	3.30
5x10mm²+(0～6)x(0.5～1.0)	40	0.70	2.60	20.2~25.7	1.91
5x16mm²+(0～6)x(0.5～1.0)	63	0.70	2.90	23.4~29.6	1.21
5x25mm²+(0～6)x(0.5～1.0)	80	0.90	3.40	28.9~36.5	0.780
5x35mm²+(0～6)x(0.5～1.0)	125	0.90	3.70	32.2~40.7	0.554

EN50620/IEC62893 EVC H05BZ5-F



优势 Advantage

- 耐低温
- 耐紫外线
- 耐酸碱
- 耐臭氧
- 耐化学腐蚀
- Low temperature resistance
- UV resistant
- Acid and alkali resistant
- Ozone resistant
- Resistant to chemical corrosion

特性 Characteristics

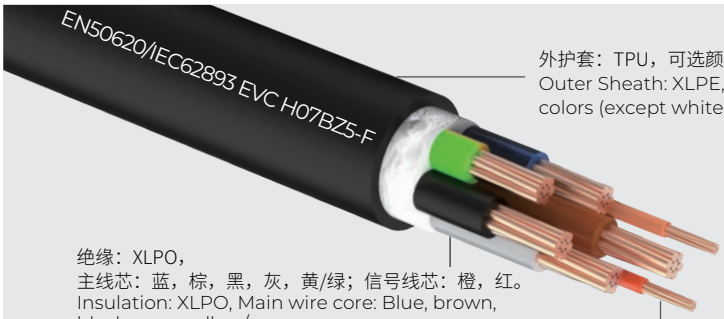
额定电压 Rated Voltage	AC 300 / 500V		**工作温度**	**Operating Temperature**	-40 ~ +90°C
阻燃测试 Flame Test	IEC60332-1		**执行标准**	**According To**	EN50620

应用 Application

用于为电动车辆供电，并在需要时为电动车辆提供通信。
Used to power electric vehicles and provide communications to electric vehicles when required.

线缆规格 Cross Section (mm^2)	允许电流参考值 Permissible ampacity(Ref.) (A)	绝缘厚度 Insulation Nom Thickness (mm)	外层护套厚度 Outer Sheath Nom Thickness (mm)	无屏蔽成品外径 Non-shielded Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
3x1.5mm²+(0～6)x(0.5～1.0)	10	0.60	1.50	8.9~11.6	13.3
3x2.5mm²+(0～6)x(0.5～1.0)	16	0.60	1.60	10.1~13.2	7.98

EN50620/IEC62893 EVC H07BZ5-F



优势 Advantage

- 耐低温
- 耐油
- 耐酸碱
- 耐臭氧
- 耐水解
- Low temperature resistance
- Oil resistant
- Acid and alkali resistant
- Ozone resistant
- Hydrolysis resistance

特性 Characteristics

额定电压 Rated Voltage	AC 450 / 750V		**工作温度 Operating Temperature**	-40 ~ + 90°C
阻燃测试 Flame Test	IEC60332-1		**执行标准 According To**	EN50620

应用 Application

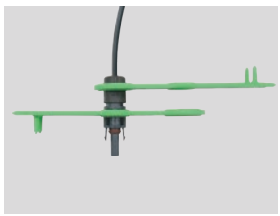
应用于电动汽车传导充电连接装置。
Used in conductive charging connection devices for electric vehicles.

线缆规格 Cross Section (mm^2)	允许电流参考值 Permissible ampacity(Ref.) (A)	绝缘厚度 Insulation Nom Thickness (mm)	外层护套厚度 Outer Sheath Nom Thickness (mm)	无屏蔽成品外径 Non-shielded Cable O.D. (mm)	20°C最大电阻 Conductor Resistance Max at 20°C(Ω/km)
3x1.5mm²+(0～6)x(0.5～1.0)	10	0.70	1.50	9.2~11.8	13.3
3x2.5mm²+(0～6)x(0.5～1.0)	16	0.70	1.60	10.5~13.5	7.98
3x4mm²+(0～6)x(0.5～1.0)	20	0.70	1.70	12.1~15.5	4.95
3x6mm²+(0～6)x(0.5～1.0)	32	0.70	1.90	13.7~17.5	3.30
3x10mm²+(0～6)x(0.5～1.0)	40	0.70	2.10	16.3~20.8	1.91
3x16mm²+(0～6)x(0.5～1.0)	63	0.70	2.40	19.4~24.9	1.21
5x2.5mm²+(0～6)x(0.5～1.0)	16	0.70	1.80	12.9~16.5	7.98
5x4mm²+(0～6)x(0.5～1.0)	20	0.70	2.00	14.9~19.1	4.95
5x6mm²+(0～6)x(0.5～1.0)	32	0.70	2.20	16.9~21.7	3.30
5x10mm²+(0～6)x(0.5～1.0)	40	0.70	2.50	20.3~25.9	1.91
5x16mm²+(0～6)x(0.5～1.0)	63	0.70	2.80	24.2~31.0	1.21
5x25mm²+(0～6)x(0.5～1.0)	80	0.90	3.40	30.2~38.7	0.780
5x35mm²+(0～6)x(0.5～1.0)	125	0.90	3.90	35.6~45.5	0.554

其它产品索引
OTHER PRODUCTS INDEX

光伏系统安装工具
PV Installation Tools

1. 扳手 Spanner
2. 电子剥线钳 Electronic Wire Stripping Pliers
3. 铆接钳 Crimping Tool
4. 剥线钳 Stripping Pliers



扳手 Spanner

1 套 set = 2 件 pieces

剥线钳 Stripping Pliers

型号 Type	剥线范围 Stripping range	
2.5/14	2.5mm²	14AWG
4.0/12	4.0mm²	12AWG
6.0/10	6.0mm²	10AWG

铆接钳 Crimping Tool

型号 Type	铆接范围 Stripping range	
2.5/14	2.5mm²	14AWG
4.0/12	4.0mm²	12AWG
6.0/10	6.0mm²	10AWG

光伏电缆线夹 Solar Cable Clips

光伏电缆线夹为光伏系统电缆布线提供了优良的解决方案, 使光伏电缆整齐地排列在光伏组件边框下, 确保工程总体美观与输电安全稳定。

SUNKEAN photovoltaic cable clamps provide an excellent solution for photovoltaic system cable routing, so that photovoltaic cables are neatly arrayed under the photovoltaic module frame to ensure the overall beauty of the project and the safety and stability of power transmission.

SKE-SCC-4S/2

2x4mmsq
180 degrees parallel

SKE-SCC-ST/2

2x4mmsq
180 degrees parallel

SKE-SCC-6S/2

2x6mmsq
180 degrees parallel

SKE-SCC-US/2

2x4/6mmsq
180 degrees parallel

SKE-SCC-4S/4

4x4mmsq
180 degrees parallel

SKE-SCC-6S/4

4x6mmsq
180 degrees parallel

SKE-SCC-ST/4M

4x4mmsq
180 degrees parallel

SKE-SCC-ST/4

4x4mmsq
180 degrees parallel

SKE-SCC-90/4S/2

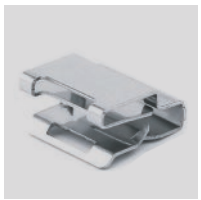
2x4mmsq
90 degrees vertical

SKE-SCC-90/6S/2

2x6mmsq
90 degrees vertical

SKE-SCC-90/6S/4

4x6mmsq
90 degrees vertical



SKE-SCC-CT

Tie width ≤ 7mm
90 or 180 degrees

特征 Features

- 产品由不锈钢304或316制成, 耐腐蚀性强;
- 采用线位设计防止电缆绝缘损坏, 便于安装拆卸的弹夹结构确保施工效率和整齐排列;
- 背部采用倒刺设计以防止线夹在安装后脱落;
- 适用组件上电缆线和微型逆变器电缆;
- 特殊吐舌设计便于在无工具的条件下简易安装和取出;
- 无毛刺边缘可以有效防止损坏电缆绝缘层;
- 可在厚度范围为1.0mm 到 2.5mm光伏组件边框上使用。

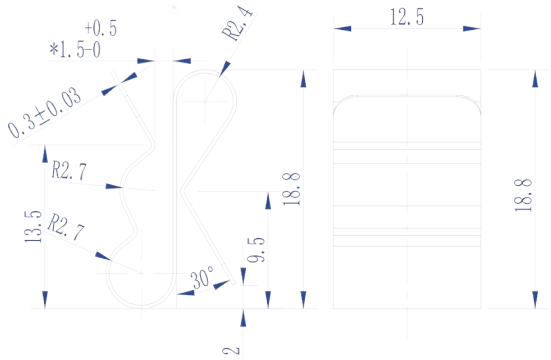
- The product is made of stainless steel 304 or 316, with strong corrosion resistance.
- Adopt line position design to prevent cable insulation damage, easy to install and disassemble magazine structure to ensure construction efficiency and neat array.
- Barbed design is used on the back to prevent the cable clip from falling off after installation.
- Suitable for cables on the solar modules and micro-inverters.
- The special tongue design is convenient for easy installation and removal without tools.
- The burr-free edge can effectively prevent damage to the cable insulation layer.
- It can be used on the frame of photovoltaic modules with a thickness ranging from 1.0mm to 2.5mm.

特殊边框电缆线夹 Special Frame Cable Clips

特殊边框电缆线夹为带台阶或加厚的光伏组件边框及部分光伏导轨电缆布线提供了解决方案，确保工程总体美观与输电安全稳定。

The special frame cable clamp provides a solution for the stepped or thickened photovoltaic module frame and part of the photovoltaic rail cable routing, ensuring the overall beauty of the project and the safety and stability of power transmission.

SKE-SCC-SP/2 :



特征 Features

- 产品由不锈钢301制成，耐腐蚀性强；
- 两线位；
- 与组件边框或导轨檩条180度平行安装；
- 适用于安装固定直径范围为5.5mm到6.8mm的光伏电缆使用；
- 特殊凸舌设计便于在无工具条件下简易安装和取出；
- 无毛刺边缘可以有效防止损坏电缆绝缘层；
- 专门为加厚边框组件或光伏导轨设计，适合用于2.0mm 到5.2mm厚度的组件边框或导轨上安装使用。

- The product is made of stainless steel 301, with strong corrosion resistance.
- Two-line position.
- Install 180 degrees parallel to the module frame or guide rail purlin.
- Suitable for installation of photovoltaic cables with a fixed diameter ranging from 5.5mm to 6.8mm.
- The special tongue design is convenient for easy installation and removal without tools.
- The burr-free edge can effectively prevent damage to the cable insulation layer.
- Specially designed for thickened frame modules or photovoltaic rails, suitable for installation on the frame or rails of modules with a thickness of 2.0mm to 5.2mm.

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 18921569300

E-mail: wade@winpowercable.com

Web: www.whxcable.com

www.pv-cable-supplier.com