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苏州快可光伏电子股份有限公司

QC Solar (Suzhou) Corporation

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0086-0512-62603392

market@qc-solar.com

www.qc-solar.com

快可

股票代码：301278



www.qc-solar.com

新能源电缆解决方案

New Energy Cable Solutions

120000+m²

专业化生产基地

Specialized production base

1000+

专业生产员工

Employee

60+

业务覆盖 60 多个国家和地区

Business coverage of 60+ countries and regions

20 yr

生产研发经验

Manufacturing R&D experience

苏州总部研发大楼

COMPANY PROFILE
公司简介

说到做到，尽心尽力；
快速可靠，成就客户！

Walk the talk,
Do the best!
Quick and reliable,
Satisfying customers!

QC Solar was founded in 2005. After years of steady development, it has established five factories in Suzhou, Huai'an, Nantong, Bắc Giang in Vietnam, and Houston in the United States. The total number of employees exceeds 1,000, and the business area is over 120,000 square meters, thus establishing a global production layout. On August 4, 2022, the stocks of QC Solar were listed on the Shenzhen Stock Exchange, with the stock code 301278.

QC Solar takes "driving energy interconnection with technology" as its mission, focuses on the field of cable R&D and manufacturing, and has been deeply engaged in the new energy industry for a long time. The factory is equipped with 4 photovoltaic cable production lines, 3 energy storage and multi-core cable production lines, and is equipped with 2 sets of dual-in dual-out irradiation equipments. It realizes efficient and stable production capacity through intelligent production lines. At the same time, the company is equipped with a full set of new energy cable detection device, and the testing center accredited by CNAS strictly controls the quality, building a solid defense line for product quality.



Driven by innovation and market needs, QC Solar’ s products serve global industrial and civil applications, including photovoltaic systems, energy storage, EV charging , and the robotics industry. Committed to safety and sustainability, we empower green energy evolution with cutting-edge cable technologies.

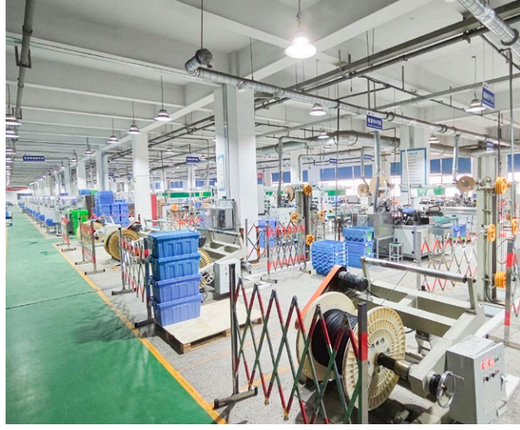
快可电子创立于 2005 年，经过多年稳健发展，已在苏州、淮安、南通、越南北江以及美国休斯顿建立了五家工厂，员工总数超过 1000 人，经营面积超过 120000m²，构建起了全球化的生产布局。2022 年 8 月 4 日快可电子股票在深交所上市，股票代码 301278。

快可电子以“技术驱动能源互联”为使命，聚焦电缆研发与制造领域，长期深耕新能源产业。工厂配备 4 条光伏电缆生产线、3 条储能及多芯电缆生产线，并搭载 2 套双进双出辐照设备，以智能化产线实现高效稳定的生产能力。同时，公司配备全套新能源电缆检测设备，并获 CNAS 认可的检测中心严格把控质量，为产品质量筑牢防线。

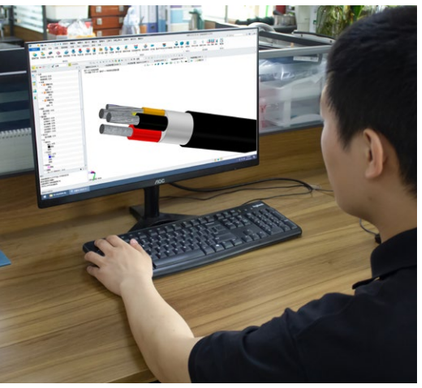
快可电子始终以技术创新为驱动，以市场需求为导向，产品远销海内外，广泛应用于光伏发电、储能系统、新能源汽车及机器人行业等工业与民用领域，为全球能源转型与绿色发展提供安全高效的线缆解决方案。


串挤3号线
Crewl units Line 3
串挤2号线
Crewd crush on Line 2


线束加工区




督区
工作时无关人员










造须靠
本，竞争依赖高品质
线
量是企业
督区
工作时无关人员
编织2号机

全球化产能布局 Global Capacity Distribution



苏州工厂
Suzhou Factory



淮安工厂
Huai' an Factory



越南工厂
Vietnam Factory



南通工厂
Nantong Factory



美国工厂
USA Factory

快可荣誉 QC Honor















快可

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11 PV1500-WR 水上光伏电缆
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12 PV1500-SR/PV1500-SWR 海面光伏电缆
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13 日标 PV-CC 光伏电缆
Japanese Standard Solar Cable PV-CC

14 日标 HCV 光伏电缆
Japanese Standard HCV Solar Cable

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TC-ER Solar AC Cable

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19 ESL10Z3-K 储能电缆
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20 ESP/L10Z3Z3-K 储能电缆
ESP/L10Z3-K Energy Storage System Cable

21 ESL15Z3-K 储能电缆
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62930 IEC131 光伏电缆
62930 IEC131 Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 使用寿命，90°C以下超过 25 年
  Long usable life , expected usable life over 25 years (＜ 90°C)
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 额定电压： DC 1500V /AC1000V
  Rating voltage：DC 1500V /AC1000V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 弯曲半径：动态≥ 5XO.D 静态≥ 4XO.D
  Bending radius：Moves setting ≥ 5XO.D Fixed setting ≥ 4XO.D
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

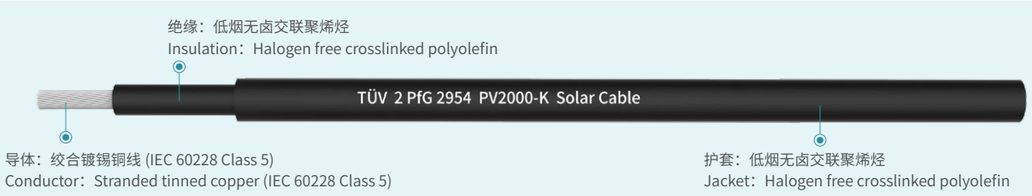
应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1.5	30/0.25	0.7	0.8	4.3	⩽ 13.7	30
2.5	49/0.25	0.7	0.8	5.5	⩽ 8.21	49
4	56/0.285	0.7	0.8	5.7	⩽ 5.09	63
6	84/0.285	0.7	0.8	6.3	⩽ 3.39	83
10	77/0.4	0.7	0.8	7.8	⩽ 1.95	156
16	126/0.4	0.7	0.9	8.6	⩽ 1.24	197
25	196/0.4	0.9	1.0	10.6	⩽ 0.795	304
35	276/0.4	0.9	1.1	11.9	⩽ 0.565	409

PV2000-K 光伏电缆

PV2000-K Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 使用寿命，90°C以下超过 25 年
  Long usable life , expected usable life over 25 years (＜ 90°C)
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 8KV 5min, 不击穿
  Voltage test of finished cable：AC 8KV 5min,No break
- 额定电压： DC 2000V /AC1200V
  Rating voltage：DC 2000V /AC1200V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 弯曲半径：动态≥ 5XO.D 静态≥ 4XO.D
  Bending radius：Moves setting ≥ 5XO.D Fixed setting ≥ 4XO.D
- 绝缘颜色：黑色
  Insulation Color: Black
- 护套颜色：黑色
  Jacket Color: Black

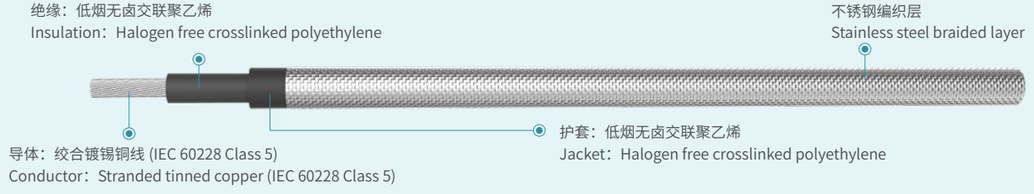
应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
2.5	49/0.25	1.1	0.8	6.1	⩽ 8.21	49
4	56/0.285	1.1	0.8	6.4	⩽ 5.09	63
6	84/0.285	1.1	0.8	7.2	⩽ 3.39	83
10	77/0.4	1.1	0.8	8.2	⩽ 1.95	146

62930 IEC131 防鼠光伏电缆

62930 IEC131Solar Cable Anti-rodent



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 适用于所有的常用连接器
  Applicable to all common connectors
- 使用寿命，90°C以下超过 25 年
  Long usable life , expected usable life over 25 years (＜ 90°C)
- 用不锈钢包裹防止老鼠咀嚼
  Wrapped in stainless steel toprevent rats from chewing

性能 Properties:

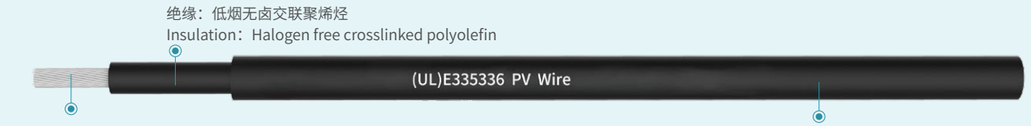
- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8.0Mpa
  Tensile Strength of Insulation/Jacket：⩾ 6.5Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V /AC1000V
  Rating voltage：DC 1500V /AC1000V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2/AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1.5	30/0.25	0.7	0.8	4.8	⩽ 13.7	63
2.5	49/0.25	0.7	0.8	6.0	⩽ 8.21	91
4	56/0.285	0.7	0.8	6.2	⩽ 5.09	104
6	84/0.285	0.7	0.8	6.8	⩽ 3.39	130
10	77/0.4	0.7	0.8	8.3	⩽ 1.95	196
16	126/0.4	0.7	0.9	9.1	⩽ 1.24	262
25	196/0.4	0.9	1	11.1	⩽ 0.795	384
35	276/0.4	0.9	1.1	12.4	⩽ 0.565	501

UL 4703 光伏电缆
UL 4703 Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 使用寿命，90°C以下超过 25 年
  Long usable life , expected usable life over 25 years (＜ 90°C)
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

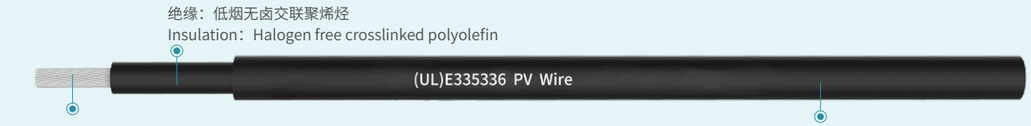
- 成品电缆耐电压：18~10AWG, AC 6.0KV 5min , 不击穿
  8~2AWG, AC 7.5KV 5min , 不击穿
  Voltage test of finished cable：18~10AWG, AC 6.5KV 5min,No break
  8~2AWG, AC 7.5KV 5min ,No break
- 额定电压：UL 1000V /2000V
  Rating voltage：UL 1000V /2000V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 弯曲半径：动态≥ 5XO.D 静态≥ 4XO.D
  Bending radius：Moves setting ≥ 5XO.D Fixed setting ≥ 4XO.D
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
16	30/0.25	1.14	0.76	5.6	⩽ 13.7	46
14	49/0.25	1.14	0.76	6.1	⩽ 8.21	60
12	56/0.285	1.14	0.76	6.4	⩽ 5.09	71
10	84/0.285	1.14	0.76	7.2	⩽ 3.39	97
8	77/0.4	1.39	0.76	8.7	⩽ 1.95	152
6	126/0.4	1.39	1.14	10.6	⩽ 1.24	229
4	196/0.4	1.39	1.14	11.9	⩽ 0.795	339
2	276/0.4	1.39	1.14	13.1	⩽ 0.565	445

UL 4703 光伏电缆（铝导体）
UL 4703 Solar Cable (Aluminum Conductor)



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 重量更轻，更易于操作和安装
  Lighter weight, making it easier to operate and install
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：18~10AWG, AC 6KV 1min , 不击穿
  8~2AWG, AC 7.5KV 1min , 不击穿
  Voltage test of finished cable：18~10AWG, AC 6KV 1min,No break
  8~2AWG, AC 7.5KV 1min ,No break
- 额定电压：UL 1000V /2000V
  Rating voltage：UL 1000V /2000V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 弯曲半径：动态≥ 5XO.D 静态≥ 4XO.D
  Bending radius：Moves setting ≥ 5XO.D Fixed setting ≥ 4XO.D
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

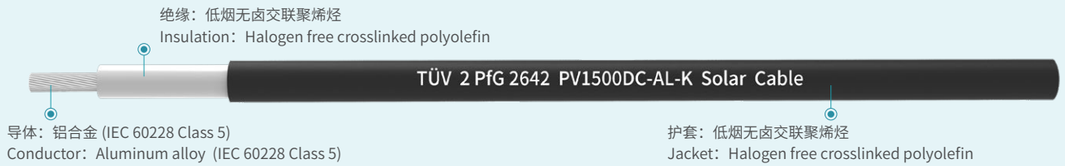
应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
12	56/0.3	1.14	0.76	6.6	⩽ 8.10	53
10	84/0.3	1.14	0.76	7.1	⩽ 5.05	63
8	78/0.4	1.39	0.76	8.6	⩽ 3.08	94
6	119/0.4	1.39	1.14	10.5	⩽ 1.91	141
4	189/0.4	1.39	1.14	11.8	⩽ 1.20	184
2	266/0.4	1.39	1.14	12.9	⩽ 0.868	226

PV1500DC-AL-K 铝合金光伏电缆

PV1500DC-AL-K Aluminum Alloy Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 重量更轻，更易于操作和安装
  Lighter weight, making it easier to operate and install
- 适用于所有的常用连接器
  Applicable to all common connectors

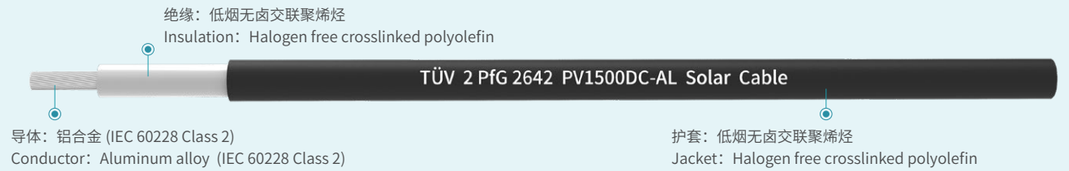
性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8Mpa
  Tensile Strength of Insulation/Jacket：⩾ 8Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 额定温度：-40°C ~90°C
  Rating temperature：-40°C ~90°C
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
2.5	34/0.2	0.70	0.80	5.30	⩽ 13.20	32
4	56/0.3	0.70	0.80	5.80	⩽ 8.10	42
6	84/0.3	0.70	0.80	6.30	⩽ 5.05	51
10	78/0.4	0.80	0.80	7.50	⩽ 3.08	75
16	119/0.4	0.90	0.90	9.00	⩽ 1.91	108
25	189/0.4	1.00	1.00	10.70	⩽ 1.20	157
35	266/0.4	1.10	1.10	12.20	⩽ 0.868	207
50	371/0.4	1.20	1.20	14.00	⩽ 0.641	276
70	342/0.5	1.20	1.20	15.90	⩽ 0.443	365
95	456/0.5	1.30	1.30	18.10	⩽ 0.320	476
120	589/0.5	1.30	1.30	19.60	⩽ 0.253	572
150	722/0.5	1.40	1.40	21.70	⩽ 0.206	702
185	888/0.5	1.60	1.60	24.20	⩽ 0.164	870
240	1184/0.5	1.70	1.70	27.20	⩽ 0.125	1115
300	1525/0.5	1.80	1.80	30.00	⩽ 0.1000	1378
400	2013/0.5	2.00	2.00	34.10	⩽ 0.0778	1791

PV1500DC-AL 铝合金光伏电缆

PV1500DC-AL Aluminum Alloy Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 重量更轻，更易于操作和安装
  Lighter weight, making it easier to operate and install
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8Mpa
  Tensile Strength of Insulation/Jacket：⩾ 8Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 额定温度：-40°C ~90°C
  Rating temperature：-40°C ~90°C
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
10	7/1.35	0.80	0.80	7.40	⩽ 3.08	73
16	7/1.74	0.90	0.90	8.60	⩽ 1.91	102
25	7/2.14	1.00	1.00	10.20	⩽ 1.20	147
35	7/2.49	1.10	1.10	11.60	⩽ 0.868	192
50	19/1.8	1.20	1.20	13.30	⩽ 0.641	257
70	19/2.16	1.20	1.20	15.00	⩽ 0.443	338
95	19/2.53	1.30	1.30	16.90	⩽ 0.320	438
120	37/2.03	1.30	1.30	18.40	⩽ 0.253	528
150	37/2.27	1.40	1.40	20.30	⩽ 0.206	647
185	37/2.53	1.60	1.60	22.60	⩽ 0.164	803
240	61/2.26	1.70	1.70	25.30	⩽ 0.125	1021
300	61/2.56	1.80	1.80	27.90	⩽ 0.1000	1263
400	61/2.95	2.00	2.00	31.50	⩽ 0.0778	1632

光伏直流绞合电缆
PV DC stranded cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions

性能 Properties:

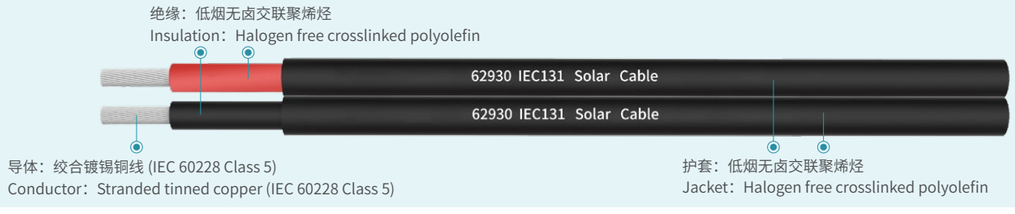
- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8Mpa
  Tensile Strength of Insulation/Jacket：⩾ 8Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：黑色
  Jacket Color: Black

应用 Application：

- 用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2)	芯数 Cores (No)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
2.5	2	0.7	0.8	9.2	⩽ 8.21	111
4	2	0.7	0.8	10.4	⩽ 5.09	146
6	2	0.7	0.8	11.8	⩽ 3.39	193
10	2	0.7	0.8	12.3	⩽ 1.95	239

62930 IEC 131 光伏双并电缆
62930 IEC 131 Solar Double-parallel Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 使用寿命，90°C以下超过 25 年
  Long usable life , expected usable life over 25 years (＜ 90°C)
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8Mpa
  Tensile Strength of Insulation/Jacket：⩾ 8Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V /AC1000V
  Rating voltage：DC 1500V /AC1000V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：全色系
  Insulation Color: Optional color
- 护套颜色：全色系
  Jacket Color: Optional color

应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems, connecting solar modules and power components, and is suitable for extreme outdoor environments.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1.5	30/0.25	0.7	0.8	4.3*9	⩽ 13.7	60
2.5	49/0.25	0.7	0.8	5.3*11	⩽ 8.21	98
4	56/0.285	0.7	0.8	5.7*12.4	⩽ 5.09	126
6	84/0.285	0.7	0.8	6.3*13	⩽ 3.39	166
10	77/0.4	0.7	0.8	7.8*16	⩽ 1.95	276
16	126/0.4	0.7	0.9	8.6*17.6	⩽ 1.24	394
25	196/0.4	0.9	1.0	10.6*21.6	⩽ 0.795	608
35	276/0.4	0.9	1.1	11.9*24.2	⩽ 0.565	818

PV1500-WR 水上光伏电缆

PV1500-WR Water-Resistant Floating Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8Mpa
  Tensile Strength of Insulation/Jacket：⩾ 8Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：黑色
  Insulation Color: Black
- 护套颜色：黑色
  Jacket Color: Black

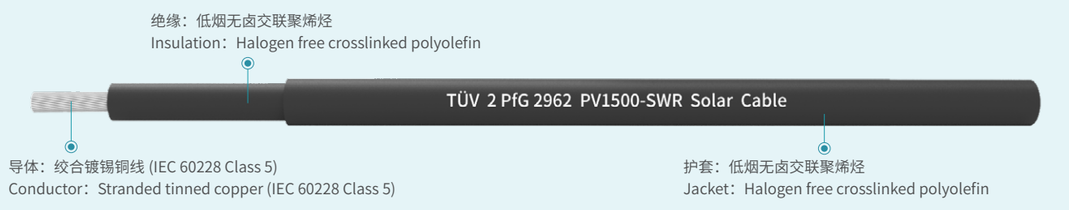
应用 Application：

- 适用于专为淡水环境设计的特种电缆，需具备防水、耐腐蚀、抗紫外线等特性，以适应海上光伏电站的复杂工况。
  It is a special cable specifically designed for the freshwater environment and needs to have characteristics such as water resistance, corrosion resistance, and UV resistance to adapt to the complex working conditions of offshore photovoltaic power stations.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1.5	30/0.25	0.7	0.8	4.6	⩽ 13.7	34
2.5	49/0.25	0.7	0.8	5.1	⩽ 8.21	47
4	56/0.285	0.7	0.8	5.5	⩽ 5.09	60
6	84/0.285	0.7	0.8	6.1	⩽ 3.39	81
10	77/0.4	0.8	0.8	7.4	⩽ 1.95	133
16	126/0.4	0.9	0.9	9.2	⩽ 1.24	212
25	196/0.4	1	1	11	⩽ 0.795	318
35	276/0.4	1.1	1.1	12.7	⩽ 0.565	437

PV1500-SR/PV1500-SWR 海面光伏电缆

PV1500-SR/PV1500-SWR Waterproof Cable for Sea Surface



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗臭氧，耐水解
  Ozone resistance, hydrolysis resistance
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 通过霉菌生长测试，满足 2 PfG 2962 Annex I
  Passed mold growth test, complies with 2 PfG 2962 Annex I
- 耐盐雾腐蚀，满足 2 PfG 2962 Annex H
  Resistant to salt spray corrosion, complies with 2 PfG 2962 Annex H

性能 Properties:

- 成品电缆耐电压：AC 6.5V 5min, 不击穿
  Voltage test of finished cable：AC 6.5V 5min,No break
- 绝缘 / 护套抗张强度：⩾ 8Mpa
  Tensile Strength of Insulation/Jacket：⩾ 8Mpa
- 护套 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：黑色
  Insulation Color: Black
- 护套颜色：黑色
  Jacket Color: Black

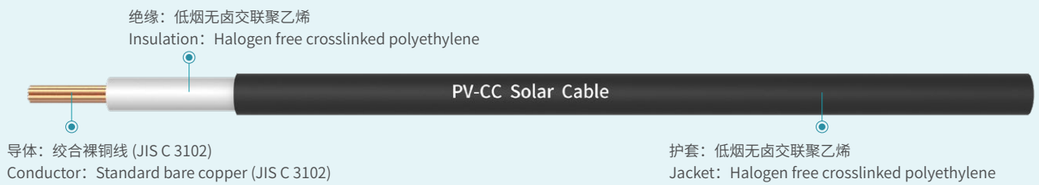
应用 Application：

- 适用于专为海洋环境设计的特种电缆，需具备防水、耐腐蚀、抗紫外线等特性，以适应海上光伏电站的复杂工况。
  It is a special cable specifically designed for the marine environment and needs to have characteristics such as water resistance, corrosion resistance, and UV resistance to adapt to the complex working conditions of offshore photovoltaic power stations.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1.5	30/0.25	0.8	0.8	4.8	⩽ 13.7	36
2.5	49/0.25	0.8	0.8	5.3	⩽ 8.21	49
4	56/0.285	0.8	0.8	5.7	⩽ 5.09	62
6	84/0.285	0.8	0.8	6.3	⩽ 3.39	84
10	77/0.4	0.8	0.8	7.4	⩽ 1.95	133
16	126/0.4	0.9	0.9	9.2	⩽ 1.24	212
25	196/0.4	1	1	11	⩽ 0.795	318
35	276/0.4	1.1	1.1	12.7	⩽ 0.565	437

日标 PV-CC 光伏电缆

Japanese standard PV - CC Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 6.5Mpa
  Tensile Strength of Insulation/Jacket：⩾ 6.5Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Insulation/Jacket elongation at break：⩾ 125%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 绝缘颜色：白色
  Insulation Color: White
- 护套颜色：黑色
  Jacket Color: Black

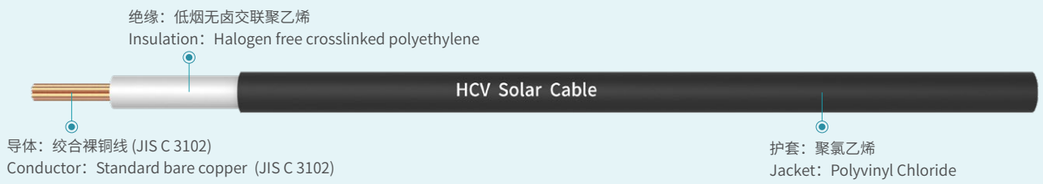
应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
2	7/0.6	0.7	1.11	5.60	⩽ 9.24	48
3.5	7/0.8	0.7	1.13	6.30	⩽ 5.20	68
5.5	7/1.0	0.7	1.15	7.00	⩽ 3.33	92
8	7/1.2	0.7	1.18	7.60	⩽ 2.31	119

日标 HCV 光伏电缆

Japanese Standard HCV Solar Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 适用于所有的常用连接器
  Applicable to all common connectors

性能 Properties:

- 成品电缆耐电压：AC 1.5KV 1min, 不击穿
  Voltage test of finished cable：AC 1.5KV 1min,No break
- 绝缘 / 护套抗张强度：⩾ 10Mpa
  Tensile Strength of Insulation/Jacket：⩾ 10Mpa
- 绝缘断裂伸长率：⩾ 200%
  Insulation elongation at break: ⩾ 200%
- 护套断裂伸长率：⩾ 120%
  Jacket elongation at break: ⩾ 120%
- 额定电压： DC 600V
  Rating voltage：DC 600V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 绝缘颜色：白色
  Insulation Color: White
- 护套颜色：黑色
  Jacket Color: Black

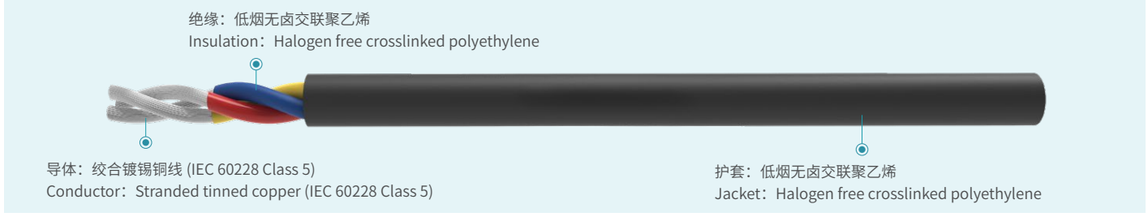
应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
2	7/0.6	0.8	1.50	6.20	⩽ 9.24	53
3.5	7/0.8	0.8	1.50	6.70	⩽ 5.20	71
5.5	7/1.0	1.0	1.50	7.70	⩽ 3.33	99
8	7/1.2	1.0	1.50	8.30	⩽ 2.31	127

PV07AC-F 光伏交流电缆

PV07AC-F Solar AC Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 适用于所有的交流连接器
  Suitable for all AC connectors

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘抗张强度：⩾ 6.5Mpa，护套抗张强度：⩾ 8Mpa
  Insulation tensile strength: ⩾ 6.5 Mpa; Jacket tensile strength: ⩾ 8 Mpa
- 绝缘 / 护套断裂伸长率：⩾ 125%
  Elongation at Break of Insulation/Jacket：⩾ 125%
- 额定电压： AC450/750V
  Rating voltage： AC450/750V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：黑色、红色、黄绿色或其他颜色
  Insulation Color: Black, red, yellow/green or other colors
- 护套颜色：黑色
  Jacket Color: Black

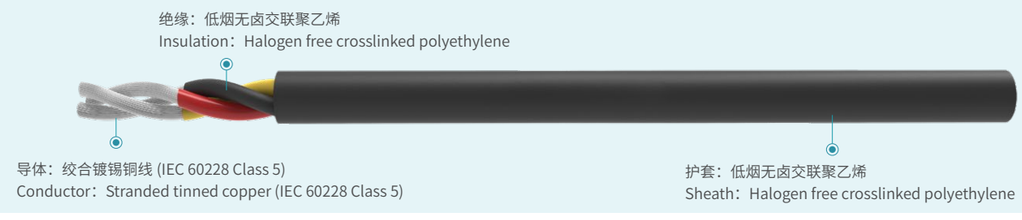
应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm^2)	芯数 Cores (No)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C (Ω/km)	重量 weight (kg/km)
2.5	3	0.8	1.02	10.30	⩽ 8.21	177
4	3	0.8	1.16	11.30	⩽ 5.09	231
6	3	0.8	1.32	13.10	⩽ 3.39	324
10	3	0.8	1.60	15.80	⩽ 1.95	519
16	3	0.8	1.99	19.6	⩽ 1.24	823
2.5	5	0.8	1.28	12.90	⩽ 8.21	286
4	5	0.8	1.46	14.60	⩽ 5.09	388
6	5	0.8	1.65	16.40	⩽ 3.39	526
10	5	0.8	2.00	19.80	⩽ 1.95	848
16	5	0.8	2.49	24.5	⩽ 1.24	1342

TC-ER 光伏交流电缆

TC-ER Solar AC Cable



产品优点 Advantages：

- 辐照交联化合物
  E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 适用于所有的交流连接器
  Suitable for all AC connectors

性能 Properties:

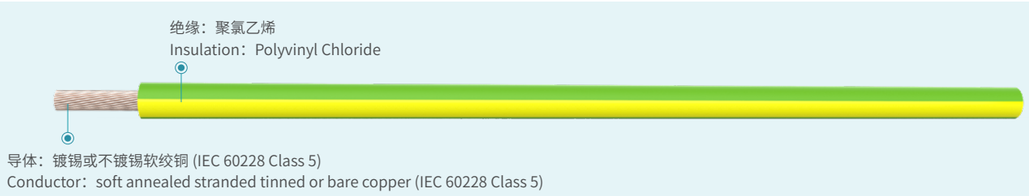
- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
  Voltage test of finished cable：AC 6.5KV 5min,No break
- 绝缘 / 护套抗张强度：⩾ 10.3Mpa
  Tensile Strength of Insulation/Jacket：⩾ 10.3Mpa
- 绝缘 / 护套断裂伸长率：⩾ 150%
  Elongation at Break of Insulation/Jacket：⩾ 150%
- 额定电压： AC600V
  Rating voltage： AC600V
- 环境温度：-40°C ~90°C
  Ambient temperature：-40°C ~90°C
- 最高线温： 120°C
  Max. conductor temperature：120°C
- 绝缘颜色：黑色、红色、黄绿色或其他颜色
  Insulation Color: Black, red, yellow/green or other colors
- 护套颜色：黑色
  Jacket Color: Black

应用 Application：

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
  It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (AWG)	芯数 Cores (No)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C (Ω/km)	重量 weight (kg/km)
14	3	0.76	1.14	10.4	⩽ 8.62	180
12	3	0.76	1.14	11.5	⩽ 5.43	236
10	3	0.76	1.14	12.8	⩽ 3.409	316
8	3	1.14	1.52	17.6	⩽ 2.144	585
6	3	1.14	1.52	19.8	⩽ 1.348	831
14	5	0.76	1.14	12.6	⩽ 8.62	278
12	5	0.76	1.14	14.6	⩽ 5.43	388
10	5	0.76	1.14	16.2	⩽ 3.409	519
8	5	1.14	1.52	19.8	⩽ 2.144	848
6	5	1.14	1.52	24.5	⩽ 1.348	1342

H07V-K 电缆
H07V-K Cable



产品优点 Advantages：

- 抗紫外线和臭氧，耐水解
  High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
  High temperature resistance , materials will not melt or flow
- 低温韧性
  Flexibility under cold conditions
- 良好的柔韧性，易于安装
  Good flexibility and easy to install
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 绝缘抗张强度：≥ 15Mpa
  Tensile strength of insulation：≥ 15Mpa
- 绝缘断裂伸长率：≥ 150%
  Elongation at Break of Insulation：≥ 150%
- 额定电压： AC450V /750V
  Rating voltage：AC450V /750V
- 环境温度：-15°C ~70°C
  Ambient temperature：-15°C ~70°C
- 弯曲半径：动态≥ 8XO.D 静态≥ 4XO.D
  Bending radius：Moves setting ≥ 8XO.D Fixed setting ≥ 4XO.D
- 绝缘颜色：黄绿色
  Insulation Color: Yellow-green

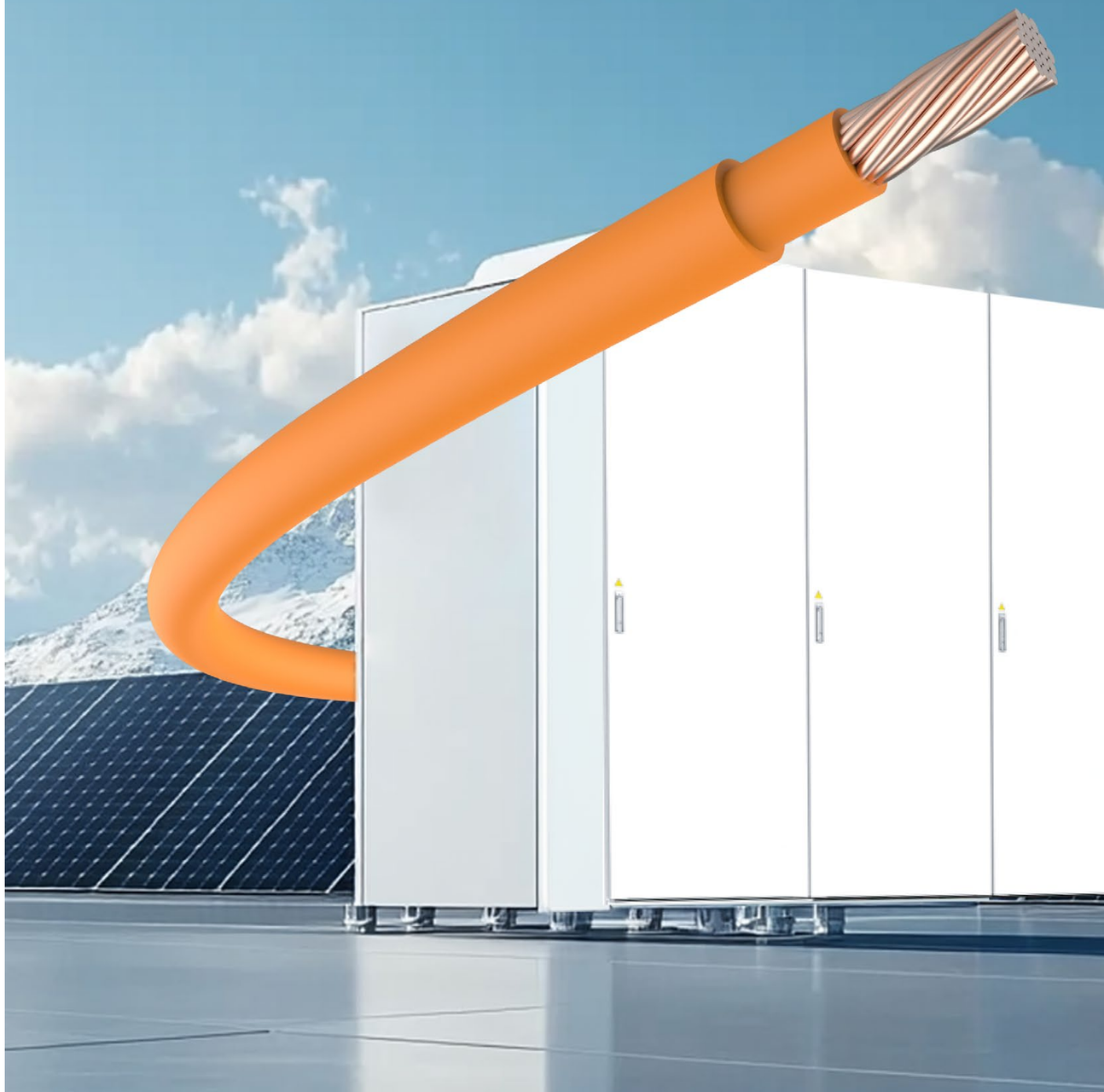
应用 Application：

- 广泛应用于工业设备内部电气连接，包括电气柜、照明设备、控制室及各种接触开关等。
  It is widely used in internal electrical connections of industrial equipment, including electrical cabinets, lighting equipment, control rooms, and various contact switches, etc.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1.5	30/0.25	0.7	3.1	⩽ 13.3	22
2.5	49/0.25	0.8	3.7	⩽ 7.98	33
4	56/0.285	0.8	4.3	⩽ 4.95	47
6	84/0.285	0.8	5.2	⩽ 3.3	70
10	77/0.4	1	6.5	⩽ 1.91	119
16	126/0.4	1	7.8	⩽ 1.21	186
25	196/0.4	1.2	9.7	⩽ 0.78	288
35	276/0.4	1.2	11.3	⩽ 0.554	400

Energy Storage Cable

Efficient transmission with low-loss design escorts the energy storage system; resistant to high temperatures and aging, adapting to various extreme environments, ensuring safer, more stable and longer-lasting performance.



ESL10Z3-K 储能电缆

ESL10Z3-K Energy Storage System Cable



产品优点 Advantages：

- 产品柔软、易于安装
  Flexible and easy for installation
- 产品阻燃性好，满足 EN 60332-1-2 单根垂直燃烧
  Excellent flame retardancy, Meet the requirement of EN 60332-1-2 for single vertical flame combustion
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗开裂
  Resistance against cracking
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 成品电缆耐电压：AC 4.5KV 5min, 不击穿
  Voltage test of finished cable：AC 4.5KV 5min,No break
- 绝缘抗张强度：≥ 9Mpa
  Tensile strength of insulation：≥ 9Mpa
- 绝缘断裂伸长率：≥ 120%
  Elongation at Break of Insulation：≥ 120%
- 额定电压： DC 1000V
  Rating voltage：DC 1000V
- 工作温度：-40°C ~125°C
  Working temperature：-40°C ~125°C
- 绝缘颜色：黑色或橙色
  Insulation Color: Black or orange

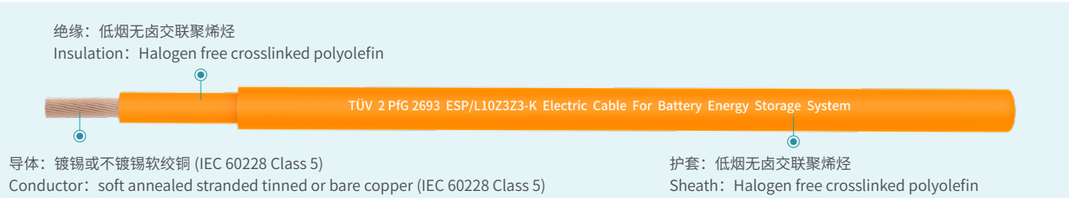
应用 Application：

- 主要用于蓄电池、逆变器、电网等系统组件之间的电力连接和传输。
  It is primarily used for power connection and transmission between system modules such as storage batteries, inverters, and power grids.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
4	133/0.2	0.7	4.1	⩽ 5.09	47
6	190/0.2	0.7	4.6	⩽ 3.39	66
10	323/0.2	0.7	5.7	⩽ 1.95	109
16	513/0.2	0.7	7.3	⩽ 1.24	174
25	798/0.2	0.9	9.4	⩽ 0.795	276
35	1121/0.2	0.9	10.7	⩽ 0.565	379
50	1596/0.2	1.0	12.6	⩽ 0.393	535
70	2257/0.2	1.1	14.7	⩽ 0.277	749
95	1887/0.254	1.1	17.3	⩽ 0.21	1018
120	2368/0.254	1.2	19	⩽ 0.164	1264
150	2960/0.254	1.4	21.5	⩽ 0.133	1590

ESP/L10Z3Z3-K 储能电缆

ESP/L10Z3Z3-K Energy Storage System Cable



产品优点 Advantages：

- 产品柔软、易于安装
  Flexible and easy for installation
- 产品阻燃性好，满足 EN 60332-1-2 单根垂直燃烧
  Excellent flame retardancy, Meet the requirement of EN 60332-1-2 for single vertical flame combustion
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗 UV，满足 2 PfG 2693/03.23 Annex F 要求
  Resistant to UV, meeting the requirements of 2 PfG 2693/03.23 Annex F
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 成品电缆耐电压：AC 4.5KV 5min, 不击穿
  Voltage test of finished cable：AC 4.5KV 5min,No break
- 绝缘 / 护套抗张强度：≥ 9Mpa
  Tensile Strength of Insulation/Jacket：≥ 9Mpa
- 绝缘 / 护套断裂伸长率：≥ 120%
  Elongation at Break of Insulation/Jacket：≥ 120%
- 额定电压： DC 1000V
  Rating voltage：DC 1000V
- 工作温度：-40°C ~125°C
  Working temperature：-40°C ~125°C
- 绝缘颜色：黑色或橙色
  Insulation Color: Black or orange
- 护套颜色：黑色或橙色
  Jacket Color: Black or orange

应用 Application：

- 主要用于蓄电池、逆变器、电网等系统组件之间的电力连接和传输。
  It is primarily used for power connection and transmission between system modules such as storage batteries, inverters, and power grids.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
4	133/0.2	0.7	1	6.8	⩽ 5.09	79
6	190/0.2	0.7	1	7.6	⩽ 3.39	104
10	323/0.2	0.7	1.1	8.9	⩽ 1.95	158
16	513/0.2	0.7	1.1	9.8	⩽ 1.24	220
25	798/0.2	0.9	1.2	11.5	⩽ 0.795	325
35	1121/0.2	0.9	1.2	13.0	⩽ 0.565	440
50	1596/0.2	1.0	1.3	14.1	⩽ 0.393	584
70	2257/0.2	1.1	1.4	16.3	⩽ 0.277	810
95	1887/0.254	1.1	1.5	18.5	⩽ 0.21	1076
120	2368/0.254	1.2	1.6	20.7	⩽ 0.164	1349
150	2960/0.254	1.4	1.7	22.8	⩽ 0.133	1670

ESL15Z3-K 储能电缆

ESL15Z3-K Energy Storage System Cable



产品优点 Advantages：

- 产品柔软、易于安装
  Flexible and easy for installation
- 产品阻燃性好，满足 EN 60332-1-2 单根垂直燃烧
  Excellent flame retardancy, Meet the requirement of EN 60332-1-2 for single vertical flame combustion
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗开裂
  Resistance against cracking
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 成品电缆耐电压：AC 6.8KV 5min, 不击穿
  Voltage test of finished cable：AC 6.8KV 5min,No break
- 绝缘抗张强度：≥ 9Mpa
  Tensile strength of insulation：≥ 9Mpa
- 绝缘断裂伸长率：≥ 120%
  Elongation at Break of Insulation：≥ 120%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 工作温度：-40°C ~125°C
  Working temperature：-40°C ~125°C
- 绝缘颜色：黑色或橙色
  Insulation Color: Black or orange

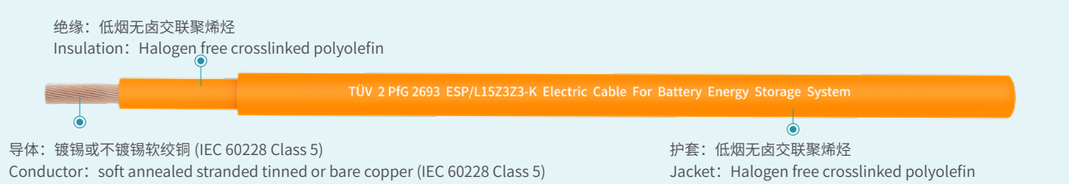
应用 Application：

- 主要用于蓄电池、逆变器、电网等系统组件之间的电力连接和传输。
  It is primarily used for power connection and transmission between system modules such as storage batteries, inverters, and power grids.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
4	133/0.2	0.8	4.3	⩽ 5.09	49
6	190/0.2	0.8	4.8	⩽ 3.39	68
10	323/0.2	1.0	6.25	⩽ 1.95	115
16	513/0.2	1.1	8.1	⩽ 1.24	186
25	798/0.2	1.3	10.2	⩽ 0.795	292
35	1121/0.2	1.3	11.5	⩽ 0.565	395
50	1596/0.2	1.5	13.6	⩽ 0.393	559
70	2257/0.2	1.5	15.5	⩽ 0.277	767
95	1887/0.254	1.5	18.1	⩽ 0.21	1038
120	2368/0.254	1.5	19.6	⩽ 0.164	1273
150	2960/0.254	1.7	22.1	⩽ 0.133	1600

ESP/L15Z3Z3-K 储能电缆

ESP/L15Z3Z3-K Energy Storage System Cable



产品优点 Advantages：

- 产品柔软、易于安装
  Flexible and easy for installation
- 产品阻燃性好，满足 EN 60332-1-2 单根垂直燃烧
  Excellent flame retardancy, Meet the requirement of EN 60332-1-2 for single vertical flame combustion
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗紫外线，满足 2 PfG 2693/03.23 Annex F 要求
  Resistant to UV, meeting the requirements of 2 PfG 2693/03.23 Annex F
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 成品电缆耐电压：AC 6.8KV 5min, 不击穿
  Voltage test of finished cable：AC 6.8KV 5min,No break
- 绝缘 / 护套抗张强度：≥ 9Mpa
  Tensile Strength of Insulation/Jacket ：≥ 9Mpa
- 绝缘 / 护套断裂伸长率：≥ 120%
  Elongation at Break of Insulation/Jacket：≥ 120%
- 额定电压： DC 1500V
  Rating voltage：DC 1500V
- 工作温度：-40°C ~125°C
  Working temperature：-40°C ~125°C
- 绝缘颜色：黑色或橙色
  Insulation Color: Black or orange
- 护套颜色：黑色或橙色
  Jacket Color: Black or orange

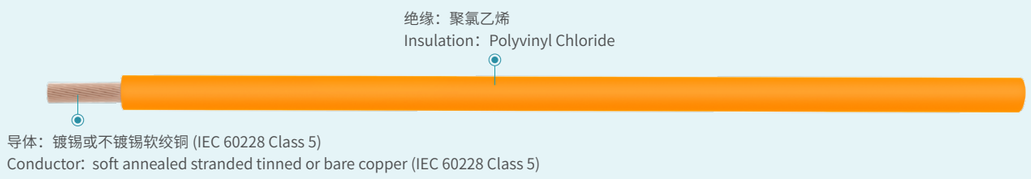
应用 Application：

- 主要用于蓄电池、逆变器、电网等系统组件之间的电力连接和传输。
  It is primarily used for power connection and transmission between system modules such as storage batteries, inverters, and power grids.

截面积 Cross Section (mm^2)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
4	133/0.2	0.8	1.0	7.0	⩽ 5.09	83
6	190/0.2	0.8	1.0	7.8	⩽ 3.39	109
10	323/0.2	1.0	1.1	9.5	⩽ 1.95	171
16	513/0.2	1.1	1.1	10.6	⩽ 1.24	238
25	798/0.2	1.3	1.2	12.3	⩽ 0.795	344
35	1121/0.2	1.3	1.3	14.0	⩽ 0.565	465
50	1596/0.2	1.5	1.4	15.3	⩽ 0.393	613
70	2257/0.2	1.5	1.4	17.1	⩽ 0.277	824
95	1887/0.254	1.5	1.5	19.3	⩽ 0.21	1087
120	2368/0.254	1.5	1.6	21.3	⩽ 0.164	1349
150	2960/0.254	1.7	1.7	23.4	⩽ 0.133	1665

UL11627 储能电缆

UL11627 Energy Storage System Cable



产品优点 Advantages：

- 产品柔软、易于安装
  Flexible and easy for installation
- 产品阻燃性好，满足 UL VW-1
  Excellent flame retardancy, meets UL VW-1
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗开裂，抗紫外线
  Resistant to cracking and UV
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

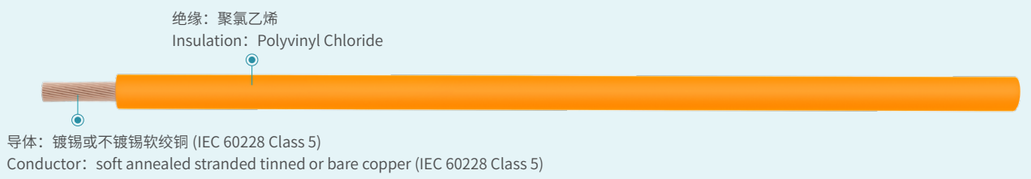
性能 Properties:

- 绝缘抗张强度：≥ 10.3Mpa
  Tensile strength of insulation：≥ 10.3Mpa
- 绝缘断裂伸长率：≥ 200%
  Elongation at Break of Insulation：≥ 200%
- 额定电压： DC 2000V / AC 2000V
  Rating voltage：DC 2000V / AC 2000V
- 工作温度：-40°C ~105°C
  Working temperature：-40°C ~105°C
- 绝缘颜色：黑色或橙色
  Insulation Color: Black or orange

截面积 Cross Section (AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
24	11/0.16	0.76	2.2	94.2	7
22	17/0.16	0.76	2.4	59.4	9
20	26/0.16	0.76	2.6	36.7	11
18	16/0.254	0.76	2.8	23.2	15
16	26/0.254	0.76	3.1	14.6	20
14	41/0.254	0.76	3.5	9.0	29
12	65/0.254	0.76	4.1	5.6	43
10	105/0.254	0.76	4.9	3.5	66
9	133/0.254	0.76	5.2	2.81	80
8	168/0.254	1.14	6.6	2.23	112
7	210/0.254	1.14	7.1	1.768	135
6	266/0.254	1.52	8.5	1.403	180
5	329/0.254	1.52	9	1.113	214
4	420/0.254	1.52	9.5	0.882	259
3	532/0.254	1.52	10.3	0.6996	319
2	665/0.254	1.52	11	0.5548	386
1	836/0.254	2.03	13	0.4398	503
1/0	1045/0.254	2.03	14.2	15.1	619
2/0	1330/0.254	2.03	15.6	0.2766	773
3/0	1672/0.254	2.03	16.8	0.2194	945
4/0	2109/0.254	2.03	18.5	0.1722	1177

UL10269 储能电缆

UL10269 Energy Storage System Cable



产品优点 Advantages：

- 产品柔软、易于安装
  Flexible and easy for installation
- 产品阻燃性好，满足 UL VW-1
  Excellent flame retardancy, meets UL VW-1
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗开裂，抗紫外线
  Resistant to cracking and UV
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 绝缘抗张强度：≥ 10.3Mpa
  Tensile strength of insulation：≥ 10.3Mpa
- 绝缘断裂伸长率：≥ 200%
  Elongation at Break of Insulation：≥ 200%
- 额定电压： DC 1500V / AC 1000V
  Rating voltage：DC 1500V / AC 1000V
- 工作温度：-40°C ~105°C
  Working temperature：-40°C ~105°C
- 绝缘颜色：黑色或橙色
  Insulation Color: Black or orange

截面积 Cross Section (AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
24	11/0.16	0.76	2.2	94.2	7
22	17/0.16	0.76	2.4	59.4	9
20	26/0.16	0.76	2.6	36.7	11
18	16/0.254	0.76	2.8	23.2	15
16	26/0.254	0.76	3.1	14.6	20
14	41/0.254	0.76	3.5	9.0	29
12	65/0.254	0.76	4.1	5.6	43
10	105/0.254	0.76	4.9	3.5	66
9	133/0.254	0.76	5.2	2.81	80
8	168/0.254	1.14	6.6	2.23	112
7	210/0.254	1.14	7.1	1.768	135
6	266/0.254	1.52	8.5	1.403	180
5	329/0.254	1.52	9	1.113	214
4	420/0.254	1.52	9.5	0.882	259
3	532/0.254	1.52	10.3	0.6996	319
2	665/0.254	1.52	11	0.5548	386
1	836/0.254	2.03	13	0.4398	503
1/0	1045/0.254	2.03	14.2	15.1	619
2/0	1330/0.254	2.03	15.6	0.2766	773
3/0	1672/0.254	2.03	16.8	0.2194	945
4/0	2109/0.254	2.03	18.5	0.1722	1177

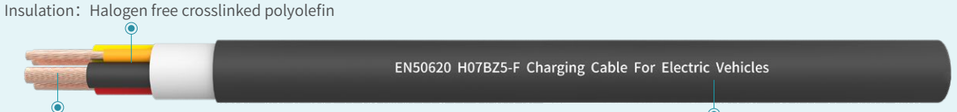


Charging Cable

Deliver high-speed charging cables for electric vehicles

H07BZ5-F 充电电缆

H07BZ5-F Charging Cable



产品优点 Advantages：

- 安装便捷，最小弯曲半径 6×OD（静态）
  Easy installation with a minimum bending radius of (Static)6×OD
- 耐高低温、耐油、耐酸碱、耐水
  Resistant to high/low temperatures, oil, acids, alkalis, and water
- 抗开裂、抗紫外线
  Resistance against cracking, UV
- 屏蔽设计减少电磁干扰
  Shielded design reduces electromagnetic interference (EMI)
- 所有材料符合 RoHS2.0 环保标准
  All materials comply with RoHS 2.0 environmental standards

性能 Properties:

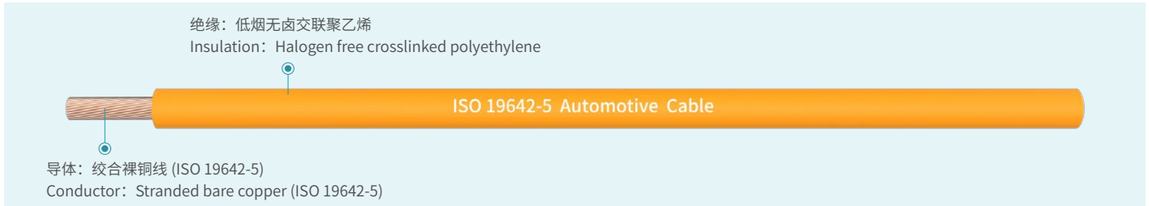
- 成品电缆耐电压：AC 2.5KV 5min, 不击穿
  Voltage test of finished cable：AC 2.5KV 5min,No break
- 额定电压： AC450/750V
  Rating voltage： AC450/750V
- 工作温度：-40°C ~90°C
  Working temperature：-40°C ~90°C
- 绝缘颜色：蓝色、棕色、黑色、灰色、黄绿色
  Insulation Color: Blue, Brown, Black, Gray, Yellow-green
- 护套颜色：黑色或者定制
  Jacket Color: Black or Customized

应用 Application：

- 主要用于传输电能，实现电动汽车的充电功能。它不仅传输电能，还负责传输一些控制信号和数据信号，确保充电过程的控制和安全。
  The charging cable is mainly used for transmitting electrical energy to realize the charging function of electric vehicles. It not only transmits electrical energy but also takes charge of transmitting some control signals and data signals, ensuring the control and safety of the charging process.

线材规格 Style of the cable (mm²)	额定电流 Rated Current (mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	无屏蔽电缆外径 Non-shiedlded Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 Weight (kg/km)
3x1.5mm2+(0~10)x(0.5~1.0)	10	0.7	1.0	9.2~11.8	⩽ 13.3	182~242
3x2.5mm2+(0~10)x(0.5~1.0)	16	0.7	1.0	10.1~13.2	⩽ 7.98	173~252
3x4mm2+(0~10)x(0.5~1.0)	20	0.7	1.1	12.1~15.5	⩽ 4.95	251~354
3x6mm2+(0~10)x(0.5~1.0)	32	0.7	1.2	13.7~17.5	⩽ 3.3	342~472
3x10mm2+(0~10)x(0.5~1.0)	40	0.7	1.4	16.3~20.8	⩽ 1.91	537~720
5x2.5mm2+(0~10)x(0.5~1.0)	16	0.7	1.2	12.9~16.5	⩽ 7.98	286~403
5x4mm2+(0~10)x(0.5~1.0)	20	0.7	1.3	14.9~19.1	⩽ 4.95	398~555
5x6mm2+(0~10)x(0.5~1.0)	32	0.7	1.4	16.9~21.7	⩽ 3.3	545~748
5x10mm2+(0~10)x(0.5~1.0)	40	0.7	1.5	20.3~25.9	⩽ 1.91	870~1154
5x16mm2+(0~10)x(0.5~1.0)	63	0.7	1.7	24.2~31.0	⩽ 1.21	1326~1738
5x25mm2+(0~10)x(0.5~1.0)	80	0.9	2.0	30.2~38.7	⩽ 0.78	2063~2707
5x35mm2+(0~10)x(0.5~1.0)	125	0.9	2.3	35.6~45.5	⩽ 0.554	2887~3769

汽车高压线
Automotive High-Voltage Cable



产品优点 Advantages：

- 产品柔软 , 易于安装
  Flexible and easy for installation
- 产品阻燃性好
  The product has good flame retardancy
- 耐油、耐酸碱、耐水、耐磨
  Resistance against oil, acid, alkali, water, wearing
- 抗开裂、抗紫外线
  Resistance against cracking, UV
- 所有材料符合 ROHS&REACH 环保标准
  All materials comply with ROHS&REACH

性能 Properties:

- 成品电缆耐电压：AC 10KV 5min, 不击穿
  Voltage test of finished cable：AC 10KV 5min,No break
- 额定电压：DC 1500V
  Rating voltage：DC 1500V
- 工作温度：-40°C ~+(125°C ,150°C)
  Working temperature：-40°C ~+(125°C ,150°C)
- 短期老化：240h，遵循 ISO 19642
  Short-term Aging:240h,Comply with ISO 19642
- 长期老化：3000h，遵循 ISO 19642
  Long-term Aging:3000h,comply with ISO 19642
- 抗撕裂：>20N/mm
  Anti-tear Performance :>20N/mm
- 绝缘颜色：橙色
  Insulation Color: orange

应用 Application：

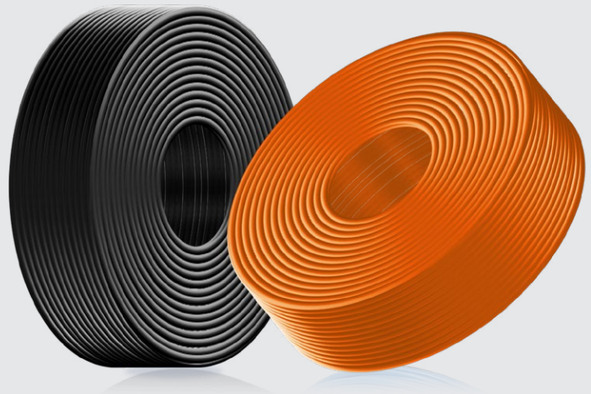
- 用于连接充电口与电池、电池内部、电池与发动机及其他元器件，作为电力传输的载体。
  It is widely used in photovoltaic power generation and solar energy systems, connecting solar components and electrical elements, and is suitable for extreme outdoor environments.

线材规格 Style of the cable (mm^2)	导体绞合外径 Conductor stranded outer diameter (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C（Ω/km）	重量 weight (kg/km)
1×16	5.50	1.00	7.6	⩽ 1.16	184
1×25	7.00	1.30	9.7	⩽ 0.743	291
1×35	8.30	1.30	11	⩽ 0.527	397
1×50	10.00	1.50	13.1	⩽ 0.368	564
1×70	11.80	1.50	15.0	⩽ 0.259	779
1×95	13.80	1.60	17.1	⩽ 0.196	1038
1×120	15.50	1.60	18.8	⩽ 0.153	1288

产品包装
Product packaging

◎ 盘卷包装
Drum package

◎ 500 米一卷
500 meters per roll





◎ 木轮盘包装
Wooden reel packaging

◎ 1000 米一轮
1000 meters per reel

* 如果以其他方式交付，请咨询
Consulting if delivering in other ways