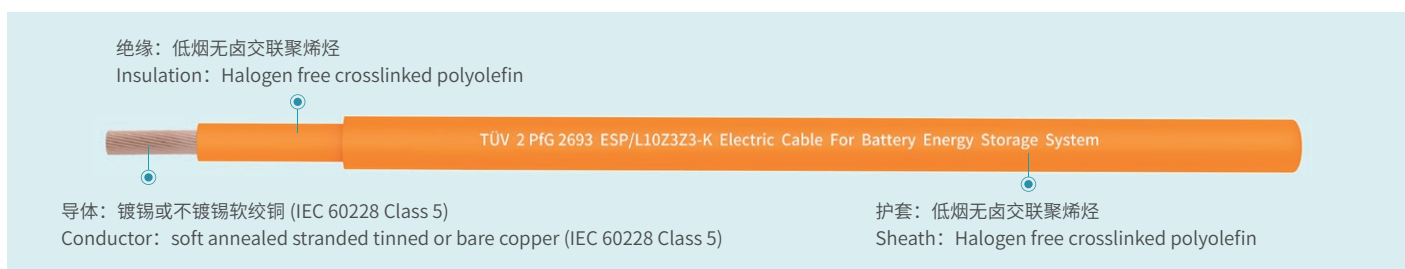




ESP/L10Z3Z3-K 储能电缆

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 |