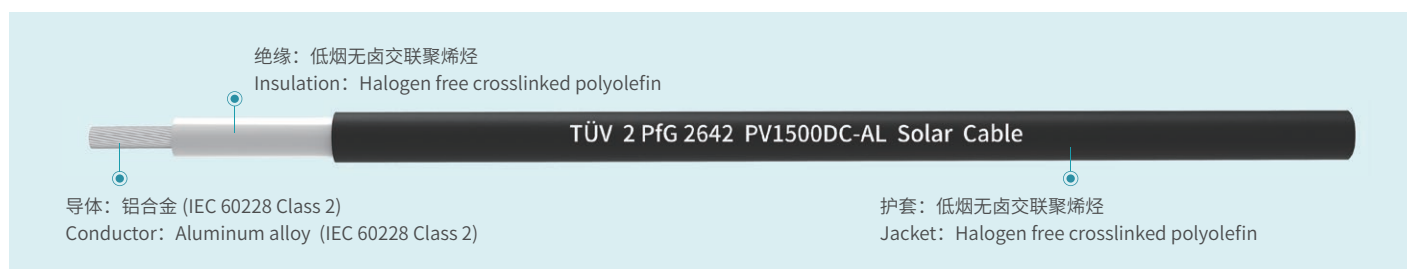




PV1500DC-AL 铝合金光伏电缆

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