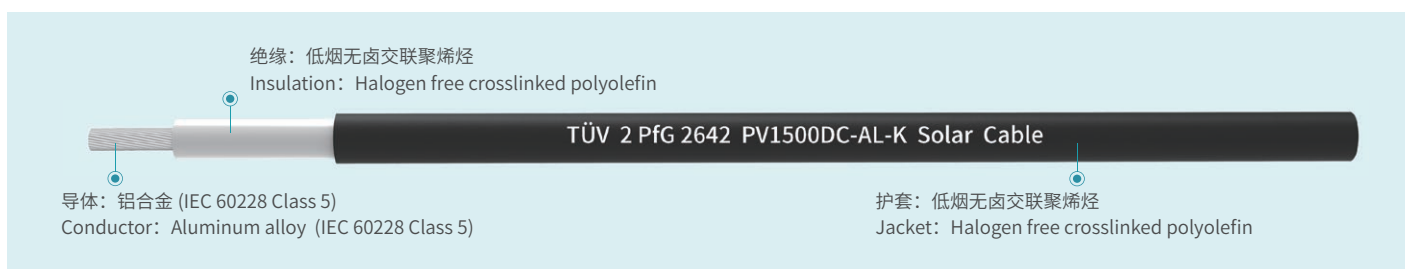


PV1500DC-AL-K 铝合金光伏电缆

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: $\geq 8\text{Mpa}$
Tensile Strength of Insulation/Jacket : $\geq 8\text{Mpa}$
- 绝缘 / 护套断裂伸长率: $\geq 125\%$
Elongation at Break of Insulation/Jacket: $\geq 125\%$
- 额定电压: DC 1500V
Rating voltage: DC 1500V
- 额定温度: $-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$
Rating temperature: $-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$
- 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