

● 1500V Line-End Connector



Product Features

- Rated for 1500V DC photovoltaic systems
- Maximum current options of 30A, 45A and 50A
- IP68-rated protection against dust and water ingress
- Compatible with 4mm², 6mm² and 10mm² photovoltaic cables
- Wide operating temperature range from -40°C to +85°C
- Low contact resistance of ≤5mΩ
- Flame-retardant V-0 rated insulation material
- Class A application level
- Protection Category II
- Robust line-end design for reliable long-term outdoor performance

Applications

- Residential solar systems
- Commercial rooftop PV installations
- Utility-scale solar farms
- Ground-mounted solar arrays
- PV module and string connections

Product Description

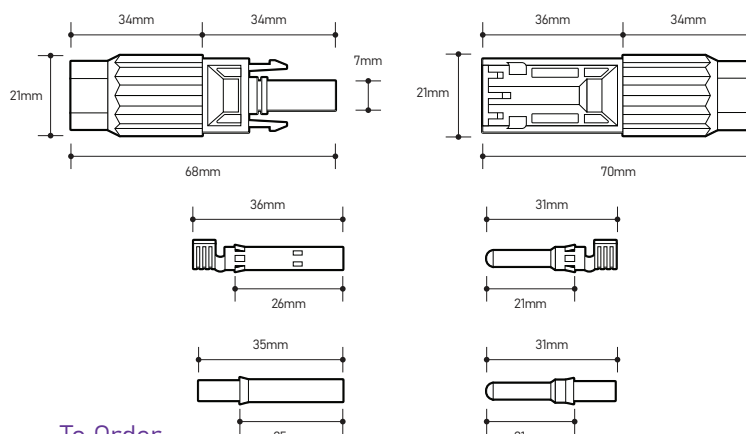
The 1500V Series Photovoltaic Line-End Connector is designed to provide secure, reliable and efficient cable connections within high-voltage photovoltaic systems. Featuring a robust IP68-rated construction, durable PPO insulation and a wide operating temperature range, it is suitable for demanding outdoor solar installations.

Benefits

The 1500V Series Photovoltaic Line-End Connector combines high-voltage capability with robust environmental protection to support reliable electrical connections in demanding solar environments. Its IP68-rated design, low contact resistance and durable PPO construction help deliver efficient, long-term performance across a wide range of photovoltaic applications.

Specification	Value
Product Series	1500V Series Photovoltaic Connectors
Product Type	Line-End Connector
Model	E4
Rated Voltage	1500V DC
Maximum Current	30A / 45A / 50A
Contact Resistance	≤5mΩ
Compatible Cable Sizes	4mm ² (12 AWG), 6mm ² (10 AWG), 10mm ² (8 AWG)
Application Level	Class A
Protection Category	II
Ingress Protection Rating	IP68
Operating Temperature	-40°C to +85°C
Insulation Material	PPO
Fire Rating	V-0

Product Diagram



To Order

Use contact details below