


Technical specification for Solar Extension cable

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|---|---|------------------------------------|--|--|---------|---------|-------|
| Ref. No | | Solar Extension Cable Connector | | Photo (The pictures are for reference only and subject to actual conditions.) | | | |
| Type | | DC-DC (Double Ends) | |  | | | |
| DC SOLAR PV CABLE | | | | | | | |
| Standard | — | TÜV/ EN50618:2014 | | | | | |
| Cross Section | mm² | 6mm² | | | | | |
| Construction Tinned copper wire | mm | 84x0.285 (±0.015) | | | | | |
| Cable Od. | mm | 6.3±0.2 | | | | | |
| Jacket Material | — | 125℃ Electron-beam Irradiated XLPO | | | | | |
| Cable Color | Male | Red | | | | | |
| | Female | Black | | | | | |
| Cable Length | m | customized | | | | | |
| Connector | | | | Electrical Characteristics | | | |
| Type | — | PV004-EN | | Rated Voltage: 1000V/1500V DC | | | |
| Insulation Material | — | PC EXL9330 | | Rated Current: 30A | | | |
| Contact materials | | Tin plated copper | | Protection Degree: IP67 | | | |
| Number | Pair | 2 | | Contact Resistance: ≤0.5mΩ | | | |
| Type of termination | — | Crimping | | Ambient Temperature: -40℃~+90℃ | | | |
| Inspection items | | | | Flame Class: UL94V-O | | | |
| Facade | Surface should be clean and smooth,without scratches, burr and deformation. | | | Product features | | | |
| Conduction | Whether the connection between the positive and negative terminals of the connector is conduction. | | | | | | |
| Assembly | When assembling, both sides of the buckle can be stuck in place, insertion force ≤50N, pulling force ≥50N | | | | | | |
| Packing specification | | | | 4、Apply to high current, high voltlage, with low contact resistance, waterproof and dustproof design | | | |
| Packaging as required | | | | APPROVED | CHECKED | DESIGNE | DDATE |
| | | | | | | | |
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