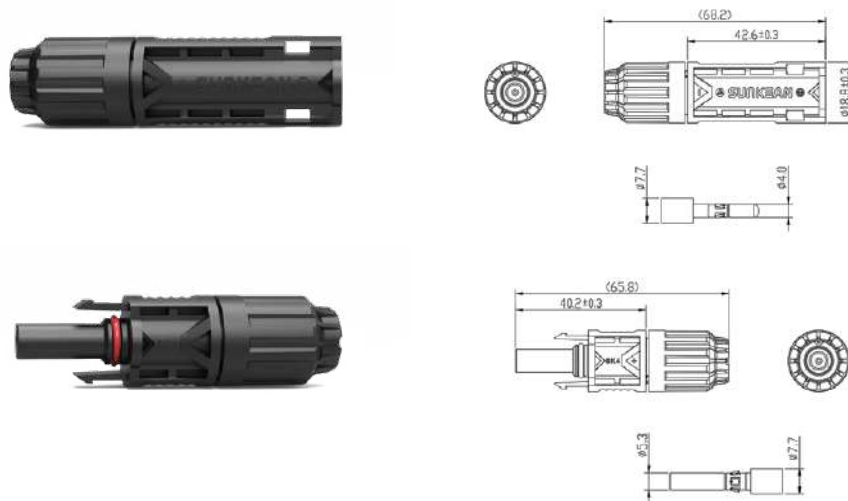


## SK4A Solar Aluminum Connector



### Application

- ◆ CU-AL Conversion Interconnection
- ◆ Photovoltaic Power Station
- ◆ Solar Panel
- ◆ String Harness / Trunk Connector
- ◆ Inverter
- ◆ Combiner Box

| Item                        | Description                                  |
|-----------------------------|----------------------------------------------|
| Operating Temperature Range | -40°C~+85°C                                  |
| Maximum Temperature         | 115°C                                        |
| IP Rating                   | IP65/IP68 (1m,1h)                            |
| IP Rating (Unmated)         | IP 2X                                        |
| Voltage Rating              | 1500V DC                                     |
| Rated Current (at 85°C)     | 41A 6mm <sup>2</sup> , 50A 10mm <sup>2</sup> |
| Rated Pulse Voltage         | 16kV                                         |
| Contact Resistance          | ≤0.3mΩ                                       |
| Fire Resistance Rating      | UL94V-0                                      |
| Overvoltage Category        | CAT III                                      |
| Pollution Degree            | 2                                            |
| Insulation Material         | PA66                                         |
| Contact Material            | Copper-aluminum alloy, Tinning               |
| Connection Method           | Crimping                                     |
| Certification Standards     | IEC62852                                     |
| Certification Number        | Rheinland/Süddeutschland                     |