

# Connector - ES-FT-BPC-S 16-25 OG - 1106303


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High-voltage connector for new energy storage system, rated voltage: 1500 V, rated current: 120 A; wiring method: crimping; surface coating: silver; positive pole: orange; with one set of plug and socket each;



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 063151 003494 |
| GTIN         | 4063151003494   |

## Technical data

### Ambient conditions

|   |                   |
|---|-------------------|
| Ambient temperature (operation)         | -40 °C ... 115 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C  |

### General

|                             |                          |
|-----------------------------|--------------------------|
| Nominal voltage $U_N$       | 1500 V DC (TUV)          |
| Connection method           | Crimp                    |
| Degree of protection        | IP65                     |
| Insulating material         | PA                       |
| Contact surface material    | Ni/Ag                    |
| Contact material            | Cu/Al alloy              |
| Seal material               | Silicon                  |
| Contact resistance          | $\leq 5 \text{ m}\Omega$ |
| Insertion/withdrawal cycles | 100                      |
| Insertion force             | $\leq 75 \text{ N}$      |
| Withdrawal force            | $\geq 10 \text{ N}$      |
| Current                     | 120 A                    |

### Standards and Regulations

|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

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## Technical data

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 9.0 | 27062002 |
|------------|----------|

## Accessories

### Accessories

Dust protection cover - ES-FT-BPC PROTECTION CAP - 1130817



Dust protection cap for energy storage connector , color: black RAL9005, ambient temperature for storage and transportation: -40°C ~70°C, operating temperature: -20°C ~105°C, halogen-free, engineering plastics: UL94 HB, protection class: IP65 (with socket)

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