

## Overview

### Product information



## ESS-200A-50-C-OR-90-20160003040

Energy Storage Connector, Product range: ESS socket, Color: orange, Wire cross section: 50 mm<sup>2</sup>, Rated voltage: 1500V, Rated current: 200 A, Connection method: Crimp, Contact type: needle

### Product advantages

- Exclusive patents
- IP67 protection
- With safety locking latch
- The plug can rotate 360° after assembled
- The socket is with hand-proof protection
- With color-coded and mechanism-coded design avoiding misplug

### Product certification



## Technical data

### Product drawing

### 3D model

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### Wiring data

Wiring mode

Crimp

### Environment condition

Protection grade (pair plug)	IP67
Ambient temperature (operation)	-40°C ~ +125°C
Ambient temperature (storage/transportation)	-40°C ~ +80°C
Altitude	2000m

### Mechanical properties

Plugging times	100
Pullout force	>10N

**Mechanical properties**

Insertion force	< 100N
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**Standards and specifications**

Standard/Specification	UL4128
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**Material data**

Insulating material	Nylon
Halogen-free	Compliance with standards
Environmental protection matters	REACH/RoHS compliant
Sealing ring material	Silicone
Contact material	Copper alloy
Shell color	Orange
Flammability rating	UL94V-0

**Electrical parameters**

Pollution level	3
Rated current	UL DC1500V
	200A
Insulation resistance	>5000MΩ
Contact resistance	≤0.5mΩ

**Accessories**

**Business data**

Order number	20160003040
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Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	44.32