

## Overview

### Product information



**ESS-50A-06-B/S-BK-00-20160003091**

Energy storage connector, product range: ESS socket, color: black, wire cross section: 6 mm<sup>2</sup>, rated voltage: 1000V, rated current: 50 A, connection method: copper bar/threaded hole, contact type: pin

### Product advantages

- ☒ Degson has its own patented design
- ☒ There are no safety locks
- ☒ There's a free spin of 360°
- ☒ There's no electric shock protection
- ☒ There's no wrong insertion or short circuit

### Product certification



## Technical data

### Product drawing

### 3D model

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### Wiring data

Wiring mode

Busbar/Screw

### 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
Insertion force	<55N
Pullout force	>10N

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	Black
Flammability rating	UL94V-0

Electrical parameters

Pollution level	3
Rated current	50A
	1000V
Insulation resistance	>5000MΩ
Contact resistance	≤0.5mΩ

Accessories

Business data

Order number	20160003091
Packing unit	75

Minimum order quantity	75
Products weight (without packaging)	11.5