DEGSON

Overview

Product information



ESS-120A-25-B/S-BK-00-20160000042

Energy Storage Connector, Product range: ESS socket, Color: black, Wire cross section: 25 mm², Rated voltage: 1500V, Rated current: 120 A, Connection method: Busbar/Screw, Contact type: Pin

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 mechnism-coded desgin avoiding misplug

Product certification

Technical data

Product drawing

3D model

Wiring data

Wiring mode	Busbar/Screw

Environmental conditions

Operating ambient temperature (including temperature rise)	-40℃-125℃

Environment condition

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

Mechanical properties

Plugging times	100
Insertion force	<60N
Pullout force	>10N

Standards and specifications

Standard/Specification	UL4128

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	120A
	UL DC1500V
Insulation resistance	>5000MΩ
Contact resistance	≤0.5mΩ

Accessories

Business data

Order number	20160000042
Packing unit	32
Minimum order quantity	50
Products weight (without packaging)	27