

Energy storage connector

Energy storage connector

EES250A-HT10

Energy storage connector is an electrical connector used to connect battery pack, inverter, charger and other energy storage system components.

Features and benefits

- HellermannTyton Unique patent Design
- Safety locking structure
- Freely rotatable
- Anti-touch protection
- Anti-misinsertion design

CONNECTION DATA		ELECTRICAL PARAMETERS	
Number of connections	1	Rated current(In)	250A
Cable outer Diameter	14 ~ 15mm	Rated voltage(U _{system})	DC1500V
Strip length of cable	20±1mm	Overvoltage level	III
Connection mode	Crimping	Pollution level	2
Cable cross-sectional area(TUV)	70mm ² (Meets 2PFG 2740/04.20 standard)	Insulation resistance	≥5000MΩ
Cable cross-sectional area(UL)	2/0AWG(Meets UL 4128 standard)	Contact resistance	≤0.5mΩ
MATERIAL DATA		ENVIRONMENTAL CONDITION	
Clamping ring material	SI	Protection class (Plug)	IP67
O-ring material	SI	Altitude	2000m
Halogen-free	Accord	Ambient temperature (Operating)	-40°C ~ +125°C
Environmental protection	REACH/RoHS	Ambient temperature (storage/transportation)	-40°C ~ +80°C
Contact material	T2 EpAg		
Insulating Material	Nylon66		
Case color	Orange/Black		
Flame retardant rating	UL94-V0		
STANDARDS AND SPECIFICATIONS		MECHANICAL CHARACTERISTIC	
Standard/specification		Number of insertions	200
UL	UL 4128	Insertion force	< 70N
TÜV Rheinland	2PFG 2740/04.20	Pullout force	> 50N

The cable retainer can be customized according to the customer's specified cable.

HellermannTyton

www.HellermannTyton.com.cn

No.231 Xing Chuang Ba Lu, Wuxi Singapore Industrial Park, Wuxi, Jiangsu Province, China, 214028

Tel: 0510-85279226

Fax: 0510-85282731

E-Mail: china-cservice@hellermanntyton.com



Scan the QR code to learn more about HellermannTyton