

E-250A



Application

E Series quick plug battery connectors are mainly used to connect battery modules of energy storage systems in series, range from 70A to 400A, making it safer for workers to install energy storage systems (ESS), They are widely used in BMS / Energy Storage , EV / HEV , Rail Mass Transit, Automation and Heavy Equipment.

Parameters

Electrical Performance	Rated current	120A ; 150A ; 250A
	Rated voltage	1500V
	Insulation resistance	2000 MΩ (DC1000V)
Main Material	Material (hood/housing)	Nylon (Polyamide- PA)
	Color	Orange,Black
	Material (seals)	Silicone Rubber
	Material (contacts)	Copper, silver-plated
Mechanical Performance	Mechanical life	200 times (empty load plug)
	Plugging Times	≥500
	Termination method	Crimping
	Recommended Wire Size	25mm ² ; 35mm ² ; 50mm ²
Environmental Resistance	Protection class	IP67
	Flame retardant rating	UL94-V0
	Operating temperature	-40°C~85°C
	Temperature rise	45K
	Salt spray	Neutral salt spray 48h (exposed part after assembly)

Installation & Size

