



GREENESSTM

Mint 7240

BATTERY SYSTEM

UNLEASH VERSATILITY

Custom connectors enable flexible use in series or parallel, adapting seamlessly to diverse energy storage needs—ESS, motorcycle, tricycle, and more.

SAFE POWER

GreenVolt S.G.S.C. technology delivers rapid discharge, efficient recharging, and dual-level output protection for secure, reliable energy storage and cost savings.



Model		Mint 7240
Technical Specifications		Standard Parameter
Net weight	25kg (+/- 1 kg)	
Dimensions	226x157.5x470mm	
Installed Energy	40Ah / 2944Wh	
Nominal Voltage	73.6 V	
Nominal Capacit	2870.4Wh(39Ah)	
Usable Battery Capacity	2296.32Wh	
Rated DC Power	2.87kW	
Configuration	23S2P	
Charging Cut-off Voltage	82.8V	
Discharging Cut-off Voltage	63V	
Max Continuous Charging Current	39A	
Max Continuous Discharge current	118A	
Battery Chemistry	LiFePO4	
Cycle Life	8000 cycles Condition: Max. 0.5C charge/discharge at 25±2°C Depth of Discharge (DoD) :80%	
IP Rating	IP67	
Operating Temperature	-30°C to +50°C	
Storage Temperature	-42°C to +70°C	
Humidity Range	5%~95%	
Certificate	IEC 62619,IEC/EN 62040-1	
Warranty	120 Months (Refer to warranty documents for conditional application.)	
Country of Manufacture	China	