



Mint 12300S BATTERY SERIES

Semi-Solid Cell

DOUBLED SAFETY PERFORMANCE

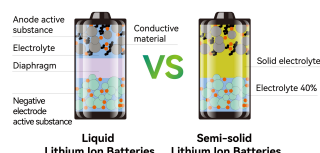
The use of solid-state technology reduces the proportion of liquid electrolyte by 60%, eliminating the risk of thermal runaway even when the battery is overcharged or discharged, and reducing the risk of spontaneous combustion by more than 95%.



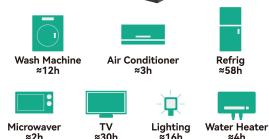
Model	Mint 12300S	EPL-300BT-12V G2	300Ah LithiumLiFePO4 Battery	12V 300AH Deep Cycle Lithium Iron Phosphate Battery
Technical Specifications		Standard Parameter		
Apperance				
Normal Voltage	12.8V	12.8V	12.8V	12V
Rated Energy	3840Wh	3750Wh	3840Wh	3840Wh
Charging Voltage	10V~14.6V	14.2~14.6V	14.6V	14.4V
Standard Charge	100A	/	/	/
Max Continue Charge	250A	190A	150A	200A
Standard Discharge	250A	250A	/	/
Max Continue Discharge	250A	250A	300A	200A
Max Instant Discharge	450A (10s)	450A (1s)	360A(5s)	/
Battery Cell	LFP (Semi-solid state)	LFP	LFP	LFP
Weight	26kg	39.4kg	38.2kg	31.3kg
Dimensions(LWH)(mm)	350x195x250	521x288 x261	520x269 x220	522x240x219
Cycle Life(@80% DoD)	6000 times	2500 times	2000 times	5000 times
Discharge Temperature	-30°C~ 60°C	-20°C~ 60°C	-20°C~ 60°C	-20°C~ 60°C
Charge Temperature	0°C~ 60°C	0°C~ 45°C	0°C~ 50°C	-20°C~ 50°C
BMS	YES	YES	YES	YES
Bluetooth	YES	YES	/	/

Doubled Safety Performance

The use of solid-state technology reduces the proportion of liquid electrolyte used by **60%** eliminating the risk of thermal runaway even when the battery is overcharged and discharged and reducing the risk of spontaneous combustion by more than **85%**.

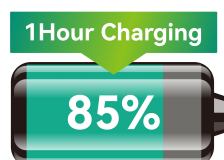


300Ah

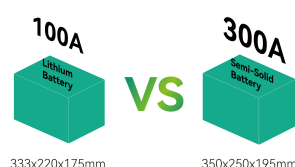


Super Fast Charging Speed

It takes just a quick nap for the battery to charge to 85%.

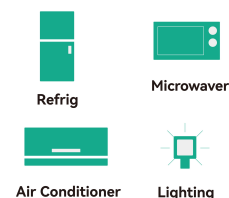


3 Times Capacity within Same Size



High Power Continuous Discharge

It means you can use more appliances at the same time.



Wide Operating Range

Discharge -30~60 C

Charge 0~60 C

5 Years Warranty

4P4S
51.2V 1200Ah
61.440kWh
 Configure Your Power Plant.
 Your Way.

