



<b>Model</b>	<b>AST-H3800</b>
<b>Battery Input</b>	
Cell Type	LiFePO4
Battery Capacity(Wh)	3840
Cycle Life	After 5000 cycles, more than 70% of the capacity remains
Protection Type	BMS
<b>General Data</b>	
Dimensions (L × W × H)mm	575*360*350
Net Weight(kg)	38.6kg
Communication	WiFi/Bluetooth(Optional)
Operation Temperature Range	Discharge: -30°C~60°C
	Charge: -20°C~60°C
<b>Other Specifications</b>	
Lithium Battery Pack	Support
Smart Generator	Support

<b>AC Output</b>	
Inverter type	Bidirectional sine wave
Rated output power (VA)	6000
Max. output power (VA)	6000
Max. output current (A)	27
Rated voltage (V)	230
Rated frequency (Hz)	50
<b>DC Input</b>	
Max. input power (W)	9000
Max. Input voltage(V)	550
Starting voltage (V)	120
Rated voltage (V)	250
MPPT voltage range	120-500
MPPT number	2
Max. input current (A)	20
Max. input short-circuit current (A)	23

**Product Details**

