

Balcony Battery



All-in-one Solar Power System
MS-SPS1600-A-G1

2kWh



Batter Pack
MS-SPS1600-B-G1

2kWh

Battery		
	Battery Type	LiFePO ₄
	Rated Voltage	51.2V (16S)
	Battery Capacity	2048WH
	Cycle Life	6000 (25℃)
	Discharge Depth	90%
	Maximum Charging Current	60A
DC Input (PV Input)		
	Maximum Input Power	800W×2 Max
	MPPT Voltage Range	18V-60V
	Start-up Voltage	12V
	Operating Voltage Range	12V-60V
	Input Conversion Efficiency	98% Max
	Maximum Input Voltage	60V
	Maximum Input Current per Channel	25A
	Maximum Input Short-circuit Protection Current (Transient) per Channel	90A
	Number of MPPT Tracking	2
	MPPT Tracking Efficiency	99%
DC Output (INV Output)		
	Maximum Output Power	800W×2 Max
	Output Conversion Efficiency	98% Max
	Operating Voltage Range	18V~55V
	Maximum Output Voltage	55V
	Maximum Output Current per Channel	28
	Maximum Input Short-circuit Protection Current (Transient) per Channel	90A
General Parameters		
	Product Dimensions	480mm×230mm×275mm
	Net Weight	≈20kg
	Maximum Number of External Parallel Battery Packs	3 PCS
	Capacity of a Single Battery Pack	2048WH
	Dimensions of a Single Slave Battery Pack	480mm×230mm×230mm
	Charging Operating Temperature	0℃ ~ 55℃
	Discharging Operating Temperature	-20℃~60℃
	Protection Grade	IP65
	Communication Mode	WIFI
	Heat Dissipation Mode	natural cooling
	Packaging Dimensions	520mm×270mm×310mm