

100Ah

SX Standard model

SX-S Available for series connection

SX-P Large instantaneous discharge current



CE ROHS UN38.3 MSDS

		SX12V100Ah	SX12V100Ah-S	SX12V100Ah-P
Electrical Characteristics	Nominal Voltage	12.8V		
	Nominal Capacity	100Ah		
	Energy	1280Wh		
	Cycle Life	>3000 cycles @ 0.2C 80% DOD		
	Months Self Discharge	<3%		
	Efficiency of Charge	>99% @0.2C		
	Efficiency of Discharge	96~99% @0.5C		
Standard Charge	Charge Voltage	14.6±0.2V		
	Charge Mode	CC/CV		
	Charge Current	20A	20A	20A
	Max. Charge Current	100A	80A	150A
	Charge Cut-off Voltage	14.6±0.2V		
Standard Discharge	Continuous Current	100A	80A	150A
	Max. Pulse Current	105A(<3s)	85A(<3s)	160A(<3s)
	Discharge Cut-off Voltage	11V		
	Depth of discharge	90%DOD		
Environmental	Charge Temperature	0℃ to 55℃ (32F to 131F) @60±25% Relative Humidity		
	Discharge Temperature	-20℃ to 60℃ (-4F to 140F) @60±25% Relative Humidity		
	Storage Temperature	-20℃ to 45℃ (-4F to 113F) @60±25% Relative Humidity		
	IP Class	IP65		
Mechanical	Plastic Case	ABS+PC(the upper cover can be removed for maintenance)		
	Weight	13.8KG		
	Dimensions	350mm x 171mm x 206mm		
Application	Installation	Parallel connection <input checked="" type="checkbox"/> Series connection <input checked="" type="checkbox"/>	Parallel connection <input checked="" type="checkbox"/> Series connection on 24V/36V/48V <input checked="" type="checkbox"/>	Parallel connection <input checked="" type="checkbox"/> Series connection <input checked="" type="checkbox"/>
	Control	Battery management system (BMS) integrated		
	Monitoring	Bluetooth monitoring ,Smartphone APP		