



HW-51.2V60Ah

Technical Specification

Lithium iron phosphate battery

Specifications		
Nominal Voltage		51.2V
Capacity (0.2C)	Normal Capacity	60Ah
Capacity affected by temperature (0.2C)	45°C	100%
	25°C	100%
	0°C	90%
	-10°C	60%
Self-discharge (25°C)	3month	Remaining Capacity:95%
	6month	Remaining Capacity:88%
Operating temperature range	Discharge	-10°C~60°C
	Charge	0°C~45°C
	Storage	-10°C~50°C
Weight(Approximate)		28kg
Size (Outer dimensions)		300mm*330mm*228mm
Designed floating life(20°C)		10 years
Standard Discharge		
Recommended Discharge Current		30A
Max. Plus Discharge Current		120A (20sec)
Max Instantaneous Discharge Current		165A (5sec)
Cut-off Voltage		40V
Standard Charge		
Continuous Charge Current		20A
Max Charge Voltage		58.4V
Charge Efficiency		>98%
Others		
IP Level		IP65
Insert Terminal		M8*1.25 - 20
Case Material		Sheet metal
Energy		3.072kWh
Cycles @ 80% DOD		> 3500
Communication methods		RS485+Bluetooth



Check with the real products, the specifications are for reference only. It can be designed according to customer's requirements if necessary.