

Electrical Specifications	Nominal Voltage	51.2V
	Nominal Capacity	106Ah
	Parallel Connection	Max. 16units
	Serial Connection	No
	BMS	16S100A
	Circuit Protection	Over charge, Over discharge, Over current, Over temp, Short, Balance
	Communication	2×Rs485 and 1×CAN; LCD
	Cycle Life	5000times Cycles @100%DOD and 10000times @80% DOD
	Self Discharge	Less than 3% per month
	Charge Efficiency	100% @0.2C
	Discharge Efficiency	98-100% @1C
Charge Specifications	Charge Voltage	57.6±0.8V
	Standard Current	20A
	Fast Current	50A
Discharge Specifications	Standard Current	20A
	Max. Con. Current	100A
	Peak Current	250A(30ms)
	Cut-off Voltage	40V
Mechanical Specifications	Dimensions (mm)	482x500x178mm
	Approx Weight(KG)	45
	Terminal Type	ES08 Energy Storage Quick Insert
	Case Color/material	White Metal case
	Cell Type	3.2V 53Ah solid state cell
Temperature Specifications	Charge Temp	0°C to 55°C (32°F to 131°F)
	Discharge Temp	-20°C to 60°C (-4°F to 140°F)
	Storage Temp	-20°C to 45°C (-4°F to 113°F)