


Product Image	Physical Specifications	
	Width	138± 2 mm
	Depth	229± 2 mm
	Height	208± 2 mm
	Weight	5.5 Kg
	Container	ABS+PC
	Terminal	M6

Technical Specifications			
Nominal Voltage	12.8 V	Recommended Charge Current	25 A
Nominal Capacity	50 AH @ 0.2C	Max. Charge Current	50A
Energy	640Wh	Max. Continuous Discharge Current	50 A
Internal Resistance (AC)	50 mΩ	Peak Discharge Current	100 A (3S)
Cycle Life	2500+ Cycles @ 1C 100% DOD	BMS Discharge Cut-off Voltage	10 V
Monthly Self Discharge	Less than 2%	Charge Temperature	0~45 °C
Efficiency of Charge	100% @ 0.5 C	Discharge Temperature	-20°C to 60 °C
Efficiency of Discharge	96~99% @1 C	Storage Temperature	-20°C to 60 °C
Charge Voltage	14.6 ± 0.2 V	IP Class	IP65
Charge Model	0.2C to 14.6 V , then 14.6 V , charge current to 0.02C	Maximum Modules in Series/parallels	4S or 4P

## Performance Characteristics

