

DP-12100 (12.8V 100AH)



Technical Specifications



Model Number	DP-12100
Nominal Voltage	12.8V
Rated Capacity	100 Ah
Energy	1280Wh
Cycle Life	>3000 Cycles @0.5C
Model	SP50160119F
Typical Capacity	100AH
Rated Voltage	3.2V
Cell Configuration	4S1P
Charge Voltage	14.4V±0.2V
Charge Mode	0.5C to 14.4V,then 14.4V,charge current to 0.02C(CC/Cv)
Charge Current	50A
Max. Charge Current	100A
Max. Continuous Discharge Current	100A
Discharge Cut-off Voltage	10V
Charge Temperature Range	0°C to 55 °C(32F to 113F)@60±25% Relative Humidity
Discharge Temperature Range	-20 °C to 55 °C (-4F to 140F) @60±25% Relative Humidity
Storage Temperature Range	0 °C to 40 °C(32F to 104F)@60+25%Relative Humidity
Ingress Protection (IP Rating)	Ip65
Enclosure Material	ABS
Dimensions (mm)	318*184*196mm
Weight (kg)	9.5KG

Product Features



Balanced, safe, long-cycle, and durable lithium iron phosphate battery cells



Maintenance-free design, requiring no daily care



Wide temperature range, operating normally from -20°C to 60°C



Built-in automatic overcharge, over-discharge, overcurrent, and over-temperature protection



Supports series connection for flexible expansion and multiple application scenarios



Maintenance-free design, requiring no daily care

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