

BATTERY

SP1280 LITHIUM-ION

P SERIES

CAPACITY

1.28 kWh



TECHNICAL SPECIFICATIONS

Battery type	LiFePO4
Energy capacity	1.28 kWh
Usable capacity	1.0 kWh
Nominal capacity	100Ah
Nominal voltage	12.8 V
Operating voltage range	11.2V – 14.4V
Cycle life	≥ 6000
Standard charging current	≤ 50A (0.5C)
Max. charging current	≤ 100A (1C)
Standard discharging current	≤ 100A (1C)
Max. discharging current	≤ 150A (1.5C)
Charging temperature range	0°C~55°C
Discharge temperature range	-20°C~55°C
Storage temperature	-20°C~45°C (<1 month), 0°C~35°C (>1 month)
Relative humidity	15%~90%
Parallel connection	units
Protection function	Overvoltage/ Undervoltage/ Overcurrent/ Short-circuit/ Reverse connection
Communication interface	RS232
Pack weight	12±0.5kg
Pack dimensions	260 x 135 x 185 mm
IP Protection	IP55
Warranty	5 years
Certification	UN38.3



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