

DP-51300 (51.2V 300AH)



Technical Specifications



Model Number	DP-51300
Nominal Voltage	51.2V
Rated Energy	15360Wh
Nominal Capacity	300Ah
Cell Configuration	16S1P
Cycle Life	≥6000cyc@80%DOD@35°C
Monthly Self-Discharge Rate	3%/month
Charging Efficiency	≥97%
Discharge Efficiency	≥98%
Recommended Charging Voltage	57.6V
Recommended Charging Current	100A
Maximum Charging Voltage	58.4V
Maximum Charging Current	150A
Recommended Discharge Current	150A
Maximum Discharge Current	200A
Discharge Cut-off Voltage	43.2V
Battery Dimensions (W×D×H) (mm)	902*518*235MM
Packaging Dimensions (W×D×H) (mm)	935*540*395MM
Net Weight (kg)	115.5kg
Gross Weight (kg)	130.5kg
IP Rating	IP30
Enclosure Material	Case of metal
Charging Temperature Range	0°C~45°C
Discharging Temperature Range	-20°C~60°C
Storage Temperature Range	0°C~40°C
Operating Humidity Range	10%-85% relative humidity (no condensation)
Communication Interface	CAN/RS232/RS485
Scalability	Max 15piecesin parallel

Product Features



Wide Applications Off-grid, HybridBack-up, Peak Shaving, and VirtualPower Plant Home Appliances,Uninterrupted Power Supply



Support a variety of communication protocols, support RS485,RS232.CAN



Long cycle life, using high-qualityLiFePO4 Cells, the cycle life is as highas 4500 times



Compatible with leading inverters



Intelligent battery managementsystem High reliability BMS, 10 year stested. Accurate & Stable



In the extreme performance safety test,the battery will not catch fire, explode,leak, and be safe to use.

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