

SIMPO 5000

51.2V 3U Battery System

5.12kWh/100Ah



SIMPO 5000

System Data

Battery Type LiFePO₄ (Lithium Iron Phosphate)

Capacity(Ah) 100Ah

Energy (Usable) 5.12kWh

Nominal Voltage 51.2V

Voltage Range 40.8v ~58.08v

Weight 44kg

Dimension(WxHxD) 440x134x480 mm

Maximum Continuous Current 100A

Peak Current(5 Seconds) 200A

Rated DC Power 5120W

Efficiency(@0.5C) 95.0%

Communication CAN / No Com

Cycle Life > 6,000 (25° C)

Certificates UN38.3, CE, IEC62619

Charging Temperature -10°C ~ +55°C

Discharging Temperature -20°C ~ +55°C

Scalability Max 64 units in Parallel

Warranty 10 years 70% SOH or 15.36MWh Energy throughput

Manufacture Country China