

SIMPO5000



48V Battery System 5.12kWh/100Ah



Charging at -10°C
Low temperature friendly battery technology,
Ensures optimal charging / discharging even in
winter, down to -10°C



Max Scalability
Up to 64 units in parallel without extra communi-
cation parts. Standard 19 inch rack design,
Maximize project flexibility



10 Years warranty
10 Years 70% performance warranty. We stand by
top quality and reliability of our solutions.



**6 and 10 Battery pre wired
cabinet**



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 Constant Current	100A
Peak Current	200A(5S)
Efficiency(@0.5C)	95.0%

General Date

Certificates	UN38.3,CE,IEC62619
Charging Temperature	-10°C~+55°C
Discharging	-20°C~+55°C
Temperature Scalability	Max 64 units in Parallel

