



Lithium Ion 5kW Powerwall	
Model	LIPW-5
Nominal Voltage	48V (51.2V)
Working voltage range	44.8V – 57.6V
Nominal Capacity	100Ah@0.5C discharge current at 25°C ±2°C
Nominal Energy	5kWh
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Management System	BMS included
Total Cycles	>6,000 cycles @0.1C 80% DoD
Weight	57.4 ±1kg
Dimensions	634*439*172mm
Parallel functionality	Up to 7 units
Maximum Power	5,000W
Rated Voltage	230V
Standard Charge/Discharge current (A)	50A at 25°C ±2°C
Maximum charging current (A)	100A at 25°C ±2°C
Maximum discharging current (A)	100A at 25°C ±2°C
Operating temperature range	0°C to 55°C
Storage temperature range	0°C to 40°C
Charge temperature range	0°C to 45°C
Discharge temperature range	-20°C to 60°C
Enclosure IP Rating	IP64
Communication Interface	CAN, RS485
Certification	CE/UN38.3/MSDS