



Residential Wall-mounted Battery SRP-10000W Pro



Product Features



High Security

- High safety LFP cell selected, UL9540A certificated
- Active protection design, ensure battery running under safety condition



Efficiency

- Vertical integration BMS & Inverter Protocol, one platform to see system message
- <230mm depth and light weight, more compact and space saved
- One set for 14kWh, energy expansion simple



Economic

- >6000 cycles with >80% EOL, achieve more benefits
- LCOE lower 2~8%, shorter payback period



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SRP-10000W Pro	
Contents	Technical Data
Product Type	SRP-10000W Pro
System Energy (Wh)*	10240
Usable Energy (Wh)*	10000
DOD Recommended	95% On Grid, 80% Off Grid
Cell Type	LFP
Nominal Voltage (V)	51.2
Working Voltage Range (V)	48~56.8
Nominal Dis-/ Charge Current (A)**	120
Max. Charge Current (A)	200
Peak Current	250A@3s
Nominal Power (W)**	6000
Max. Power (W)	10000
Peak Power (only discharge)	12500W@3s
Max. Connection No. in Parallel	16
Communication	CAN, RS485
Dimension (W*H*D mm)	415*700*226
Weight (kg)	84
Ingress Protection Rating	IP21
Relative Humidity	0~95%RH (no condensed water)
Max. Operating Altitude (m)	<4000m (>2000m power derating)
Cycle Life	6000, >80% EOL
Mounted Method	Wall Mounted, bracket, cabinet

*:Test conditions, cell Voltage 2.5~3.65V, 0.5C charge & discharge at +25±2 °C for battery system at beginning life. System Usable Energy may vary with different Inverter.

**:. Nominal Dis-/Charge Current and power derating will occur related to Temperature and SOC