



# Residential High Voltage Battery SRP-5000D



## Product Features



### Safety

- High safety LFP cell selected, UL9540A certificated
- Active protection design, ensure battery running under safety condition
- Built-in isolated power converter



### Efficiency

- Vertical integration BMS & Inverter protocol, service more efficient
- Compact and light weight, save installation cost
- KISS principle, plug & play



### Economic

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

## SRP-5000D

Contents	Technical Data
Product Type	SRP-5000D
System Energy (Wh)*	5120
Usable Energy (Wh)*	5000
DOD Recommended	95% On Grid, 80% Off Grid
Cell Type	LFP
Nominal Voltage (V)	400
Working Voltage Range (V)	350-435
Nominal Dis-/ Charge Current (A)**	7.5
Max. Charge Current (A)	8.75
Peak Current	12.5A@3s
Nominal Power (W)**	3000
Max. Power (W)	5000
Peak Power (only discharge)	6000W@3s
Max. Connection No. in Parallel	8
Communication	CAN, RS 485
Dimension (W*H*D mm)	680*376*175
Weight (kg)	<53
Ingress Protection Rating	Ip65
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

\*: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.