



# Technical Properties

## LFP 5000

Total Energy*	5.1kWh	
Usable Energy(d.c)*	4.8kWh	
Nominal Charge/Discharge Power	3.0kW	
Peak Power(Only discharge)	6.0kW for 3 seconds	
Constant Current(Only discharge)	80A	
Voltage	48-56Vd.c	
Nominal Voltage	51.2Vd.c	
Nominal Current	60A	
Max. Charge Voltage	57.6V	
Recommended DOD	90%	
Operating Condition	Indoor	
Operating Temperature	Charge	From 0~45 °C
	Discharge	From -10~55 °C

Dimension(mm)	442*500*133
Weight	51kg
Humidity	20~60%(No condensed water)
Over Voltage Category	II
Cooling Type	Natural cooling
Case Material	Metal
Color	Black/Dark Blue
Installation	Cabinet or Wall mounting
IP rating	IP 20
Protective Class	I
Max. Number of Parallel or Series	8
Warranty	10 years
Communication	CAN/ RS485
Protection Mode	Dual hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Safety	CE & TUV(IEC 62619, IEC 62040)
Hazardous Material Classification	9
Transportation	UN 38.3

Testing conditions based on temperature 25 °C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from Sunket 0.2C CC-CV

