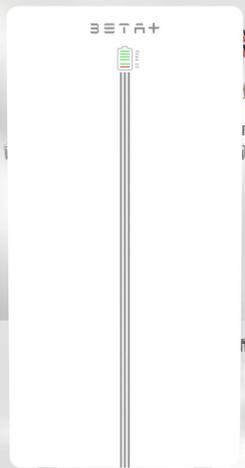


SMART ENERGY STORAGE SYSTEM

LV 10.24KWh [Ultra-thin series]

ENP51200



KEY FEATURES

 **Bluetooth**
(Optional)



1C Discharge

Max discharge current:200A, simultaneously supplying power to multiple loads.



Flexible Investment

Supports up to 128 units in parallel, with a total capacity of up to 1310.72 kWh.



IP65 Rating

Fearless of outdoor installation, strong environmental adaptability.



Smart BMS

Auto ID. Millisecond level status monitor, real time battery management, and optimization.



Easy Installation

Setup is simple and quick. support wall-mounted, floor-mounted.



Modular Design

CCS process improves consistency and stability.

Model		ENP51200
Main Parameter		
Cell Chemistry		LiFePO4
Module Energy(kWh)		10.24
Module Nominal Voltage (V)		51.2
Module Capacity(Ah)		200
Battery Module Qty in parallel. (Optional)		1-128
System Nominal Voltage (V)		51.2
System Operating Voltage (V)		43.2~57.6
System Energy (kWh)		10.24~1310.72
System Usable Energy(kWh)		10~1280
Charge/Discharge Current (A)	Recommend	100
	Max	200
	Peak (2 s, 25°C)	220
Working Temperature(°C)		Charge: -10~50/Discharge:-20~55
Display		SOC Status indicator LED indicator
Communication Port		CAN2.0/RS485
Humidity		5~85%RH
Altitude		≤3000m (Derating above 2000m)
IP Rating of Enclosure		IP65
Dimension (W/D/H,mm)		600*110*1080
Weight Approximate (kg)		100
Installation Location		Wall Mount, Floor Mount
Storage Temperature(°C)		0~35
Recommend Depth of Discharge		90%
Cycle Life		25±2°C, 0.5C/0.5C, EOL70%≥6000
Warranty		10years
Certification		CE/IEC62619/ MSDS/ UN38.3

- 1 DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
- 2 The current is affected by temperature and SOC.
- 3 The warranty is due whichever reached first of warranty period or life cycle power.