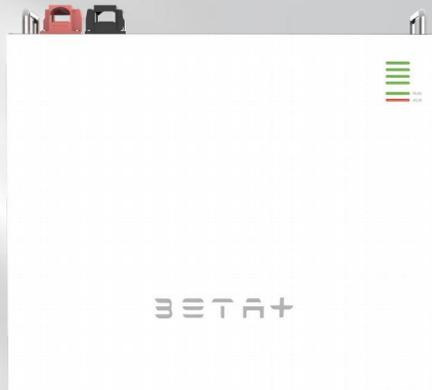


SMART ENERGY STORAGE SYSTEM

LV 2.56KWh

ENP25100



KEY FEATURES

 **Bluetooth**
(Optional)



1C Discharge

Max discharge current:100A, simultaneously supplying power to multiple loads.



Flexible Investment

Supports up to 128 units in parallel, with a total capacity of up to 327.68 kWh.



Smart BMS

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



Extended Service Life

Optimized cycle life exceeds 6000 cycles for long-lasting reliability.



Easier Space Layout

Battery could be laid out freely, high space utilization.



Superior Efficiency

Experience maximum efficiency with up to 90% usable energy.

Model		ENP25100
Main Parameter		
CellChemistry	LiFePO4	
Module Energy(kWh)	2.56	
Module Nominal Voltage (V)	25.6	
Module Capacity(Ah)	100	
Battery Module Qty in parallel. (Optional)	1-128	
System Nominal Voltage (V)	25.6	
System Operating Voltage (V)	22.4~28.8	
System Energy (kWh)	2.56~327.68	
System Usable Energy(kWh)	2.5~320	
Charge/Discharge Current (A)	Recommend	50
	Max	100
	Peak (2 s,25°C)	105
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	IP20	
Dimension (W/D/H,mm)	450*410*95	
Weight Approximate (kg)	24.5	
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.