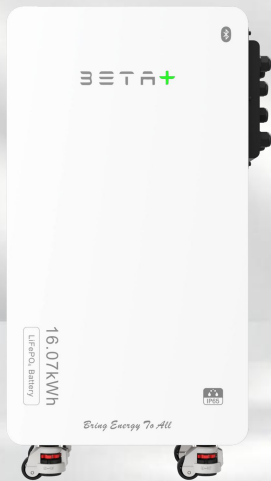


SMART ENERGY STORAGE SYSTEM

LV 16.07KWh 【Bluetooth】

ENP51314



Bluetooth
(Optional)

KEY FEATURES



Breathing-Inspired Design
Seamless Screen-Free Integrated Design with an Elegant Appearance.



Flexible Investment
Supports up to 128 units in parallel, with a total capacity of up to 2056.96 kWh.



Built-in Bluetooth
Supports Bluetooth monitoring; battery status can be viewed in real time via a mobile app.



IP65 Rating
Fearless of outdoor installation, strong environmental adaptability.



Easy Installation
Auto ID, universal wheels for easy movement, support floor mount.



Extended Service Life
Optimized cycle life exceeds 8000 cycles for long-lasting reliability.

Technical Data www.betaplusenergy.com

Model		ENP51314
Main Parameter		
Cell Chemistry		LiFePO4
Module Energy(kWh)		16.07
Module Nominal Voltage (V)		51.2
Module Capacity(Ah)		314
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)		16.07~2056.96
System Usable Energy(kWh)		15.58 ~ 1994.24
Charge/Discharge Current (A)	Recommend	160
	Max	200
	Peak (2 s, 25°C)	210
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/IP65 (Optional)
Dimension (W/D/H,mm)		479*230*862
Weight Approximate (kg)		117
Installation Location		Floor Mount
Storage Temperature(°C)		0~35
Recommend Depth of Discharge		95%
Cycle Life		25±2°C, 0.5C/0.5C, EOL70%≥8000
Warranty		10 years
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.