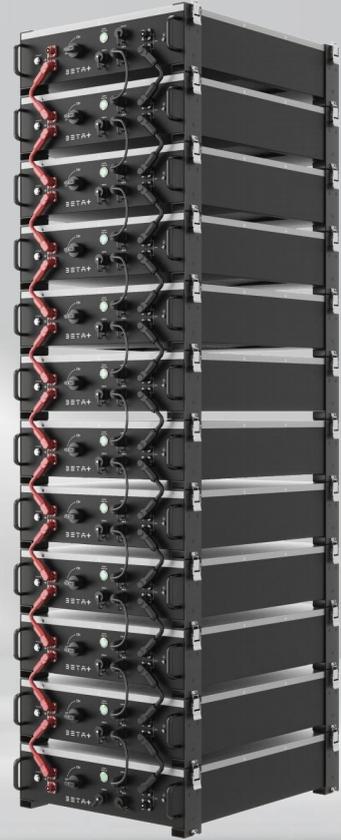


SMART ENERGY STORAGE SYSTEM

HV 5.12-81.92KWh 【DC Boost 400V】

ENP51100-HV



KEY FEATURES



IP65 Rating

Fearless of outdoor installation, strong environmental adaptability.



Flexible Investment

5.12 kWh Modular Design, Scalable from 5.12 to 81.92 kWh.



Safe & Reliable

5-layer Safety Protection . Optimized cycle life exceeds 6000 cycles for long-lasting reliability.



Aerosol Fire Extinguisher

Releases aerosol to instantly suppress thermal runaway and fire.



Easy Installation

Auto ID, 58 kg Battery Module. Support wall-mount, stack-mount, floor-mount, wall-mount.



Perfect Compatibility

High-voltage DCDC batteries support the mixed use of old and new batteries

Model		ENP51300-HV DC Boost
Main Parameter		
Cell Chemistry		LiFePO4
Module Energy(kWh)		5.12
Module Nominal Voltage (V)		400
Module Capacity(Ah)		100
Battery Module Qty in series. (Optional)		1-16
System Nominal Voltage (V)		400
System Operating Voltage (V)		345~455
System Energy (kWh)		5.12~81.92
System Usable Energy(kWh)		5~80
Charge/Discharge Current (A)	Recommend	6.5
	Max	12
	Peak (2 s,25°C)	13
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)		506*668*139
Weight Approximate (kg)		58
Installation Location		Wall Mount, Stack 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.