
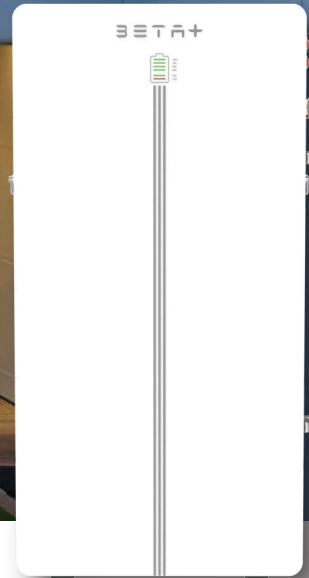


# ENP51200 IP65

## Residential BESS


### Slim Series Type LV


-  Auto ID
-  Automatically assign any host
-  Smart Temperature Control
-  Smart parallel technology compatible with batteries with different SOC and voltages




### Technical Specification


Model no	ENP51200
Battery Module energy	10.2kWh
Useable Energy	10kWh
Max output power	8kW
Peak Output Power	10kW
Nominal voltage	51.2V
Operating Voltage Range	43.2V-57.6V
Dimension(W/D/H)	600x110x1200mm
Weight	84Kg
Installation	Floor mount , Wall mount
Operating Tempertaure	-10 C~ + 55C
Operating altitude	0-3,000 m (Derating above 2,000 m)
Environment	InDoor
Relative humidity	5%~95%
Cooling	Natural Convection
Protection rating	IP65
Noise Emission	0 dB
Cycle Life	>6000 (@25C, DoD 90%)
Display	SOC Status indicator LED Indicator
Cell Technology	Lithium iron phosphate (LiFePo4)
Scalability	Max 32 Systems in parallel operation
Communication Ports	CAN / RS485
Warranty	5 Years Standard ( 10 Years Optional)


 Superior Efficiency  
Experience maximum efficiency with up to 90% usable energy.


 IP20 Protection Rating  
Modular designer, natural cooling, indoor use


 Flexible Investment Options  
Supports up to 32 units in parallel, with a total capacity of up to 326 kWh.

 Effortless Installation  
Modular design allows for quick and seamless integration.

 Exceptional reliability  
Our LFP-based battery technology ensures consistently high performance.

 Expandable Capacity  
Effortlessly combine multiple units to increase energy output as needed.

 Enhanced Safety Features  
Intelligent temperature control guarantees battery safety and longevity.

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