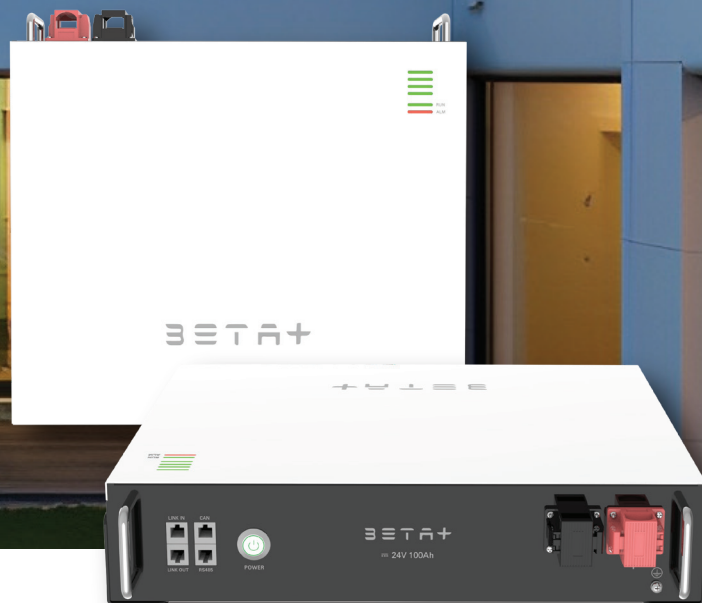


# ENP25100

## 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	ENP25100
Battery Module energy	2.56kWh
Useable Energy	2.5kWh
Max output power	2.5kW
Peak Output Power	3.0kW
Nominal voltage	25.6V
Operating Voltage Range	22.4V-28.8V
Dimension(W/D/H)	450x340x90mm
Weight	20Kg
Installation	Floor Stand (Standard), Wall mount (optional)
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	IP20
Noise Emission	0 dB
Cycle Life	>6000 (@25C, DoD 90%)
Display	SOC Status indicator LED Indicator
Cell Technology	Lithium iron phosphate (LiFePo4)
Scalability	Max 16 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 16 units in parallel, with a total capacity of up to 40 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.