

ENP4020

Residential BESS

Slim Series Type HV



Auto ID



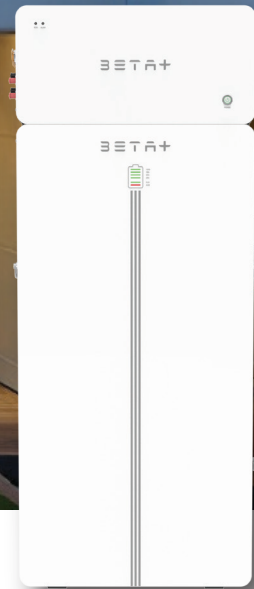
Automatically assign any host



Smart Temperature Control



Smart parallel technology compatible with batteries with different SOC and voltages



Technical Specification

Model no	ENP4020
Number of power modules	1
Battery module Energy	10kWh
Useable energy	9.8kWh
Max Output Power	5kW
Peak Output Power	7kW, 10s
Nominal Voltage	400V
Operating Voltage range (Single Phase)	350V-430V
Dimension (W/D/H)	1470x110x600mm
Weight	90Kg
Power Module Dimension (W/D/H)	20x110x600mm
Power Module Weight	8kg
Battery Module Dimension (W/D/H)	1200x110x600mm
Battery Module Weight	80kg
Installation	Floor stand (Standard), Wall mount (optional)
Operating Temperature	10C~+55C
Operatign Altitude	0-3000 m (Derating above 2000 m)
Environment	Indoor/Outdoor
Relative Humidity	5%~95%
Cooling	Natural Convection
Protection Rating	IP65
Noise Emission	29db
Cycle Life	>6000 (@25C, DoD 90%)
Display	SOC Status indicator LED Indicator
Cell Technology	Lithium iron phosphate (LiFePo4)
Scalability	Max 3 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 3 units in parallel, with a total capacity of up to 30 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.