



ENERGY STORAGE

BYEH2500/5000

Wall-Mount LFP Battery



 High Safety Multiple protection of software and hardware	 Super Heat Dissipation Large heat dissipation area, natural cooling system	 Strong Compatibility Compatible with multi-brand and multi-model inverters
 Up to 15 Layers Support up to 15 layers of arbitrary stacking	 Easy Installation Simple installation saving time and cost	 Depth of Discharge 90% depth of discharge

Safe and reliable lithium iron phosphate battery	Multiple protection of software and hardware	Multi brand and multi model inverter compatibility
Large heat dissipation area,natural cooling system	Simple installation, saving time and cost	Support up to 15 layers of arbitrary stacking
Laser automatic production line, stable and reliable product quality	Widely used in the field of energy storage	UN38.3, UL, CE and other certifications

Product parameter

Items	Condition	Specification	
Model	/	BYEH-2500	BYEH-5000
Nominal energy	Nominal value	2.66 kWh	5.22 kWh
Nominal capacity	Nominal value	52 Ah	102 Ah
Nominal voltage	Nominal value	51.2 V	51.2 V
Internal impedance	Fresh cell	≤20 mΩ	≤20 mΩ
Size	L*W*H	470 mm*340 mm*180 mm	640 mm*410 mm*180 mm
Weight	/	29KG	48 KG
Operating voltage	/	44.8 V ~ 57.6 V	
Standard charging and discharging current	/	0.5C/0.5C	
Maximum charging and discharging current	/	1C/1C	1C/1C
Charging temperature	/	0°C ~ 55°C	
Discharging temperature	/	-20°C ~ 55°C	
Storage temperature	/	-10°C ~45°C (best 0 °C ~35 °C)	
Recommended DOD	/	≤98%	
Communication function	/	RS232/RS485/CAN	
Protection class	/	IP54	
Shipping SOC	/	30% ~ 50%	

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▲ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



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