



ENERGY STORAGE

BYER2500/5000

Rack-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	/	BYER-2500	BYER-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	430 mm*440 mm*175 mm	600 mm*440 mm*180 mm
Weight	/	29.5 KG	48.5 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	/	IP20	
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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