

C&I

ENERBLOCK

Commercial & Industrial Energy Storage



High Safety and Reliable Technology

Patented LFP lithium-ion technology boasts high reliability and safety, complete with pressure relief and fire protection features.



Battery Management System (BMS)

Standard 3-level battery management system ensures optimal performance and longevity.



Intelligent Design-Turnkey Product

AC/DC all-in-one design makes installation and transportation a breeze, with turnkey products delivered for your convenience (battery included).



Function Expansion

Optional expansion features such as optical storage integration and micromesh allow you to customize the product to fit your specific needs.

TECHNICAL DATA

Model	EnerBlock-60P	EnerBlock-100P
Battery Parameters		
Cell Type	LFP-280Ah	LFP-280Ah
Module Model	1P20S	1P20S
System Configuration	1P240S	1P240S
Battery Capacity (BOL)	215kWh	215kWh
Battery Voltage Range	672V-864V	672V-864V
AC On-Grid Parameters		
Grid Type	3P4W	3P4W
Rated Charge/Discharge Power	60kW	100kW
Rated Grid Voltage	AC400V	AC400V
Grid Voltage Range	-15%~+15%	-15%~+15%
Rated Grid Frequency	50Hz	50Hz
Frequency Range	±5Hz	±5Hz
Rated Current	86A	172A
Power Factor	0.8 (Leading) ~0.8 (Lagging)	0.8 (Leading) ~0.8 (Lagging)
Output Harmonics (Rated power)	≤3%	≤3%
General Parameters		
Dimension (W*H*D)	1900*2100*1230mm	1900*2100*1230mm
Max Weight	2500kg	2500kg
IP Protection Rating	IP54 (Battery room) IP54 (Electrical room)	IP54 (Battery room) IP54 (Electrical room)
Seismic Intensity Rating	8 degree (IEC60980)	8 degree (IEC60980)
Anti-Corrosion Grade	C3	C3
Operating Temperature	-20°C~50°C	-20°C~50°C
Relative Humidity	0-95% (Non-condensing)	0-95% (Non-condensing)
Altitude	<2000m	<2000m
Cooling Method	Battery room: air conditioning Electrical room: forced air cooling	Battery room: air conditioning Electrical room: forced air cooling
Noise	≤75dB	≤75dB
System Efficiency	≥85%	≥85%
Cycle Life	10years or >	10years or >
Design Standard	System (BS7671, GB/T 36558, IEC 62933); Cell (GB/T 36276, IEC 62619, UL1973, UL9540A); PCS (GB/T 34120, G99, EN 50549, VDE4105)	
Sales Territory	UK/China/Germany (More countries will follow)	

SHENZHEN ACE BATTERY CO., LTD.

Email: sales@acebattery.com
 Phone: +86 755 8887 8567
 Web: www.acebattery.com
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