

# 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
<b>Battery Parameters</b>		
Cell Type	LFP-280Ah	LFP-280Ah
Module Model	IP20S	IP20S
System Configuration	1P240S	1P240S
Battery Capacity (BOL)	215kWh	215kWh
Battery Voltage Range	672V-864V	672V-864V
<b>AC On-Grid Parameters</b>		
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%
<b>General Parameters</b>		
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)	

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