

# C&I

# ENERCUBE

## Commercial & Industrial Energy Storage



### High Safety and Reliable Technology

EV-safe LFP battery technology offers high performance, complete with a standard 3-level battery management system (BMS) and unique "separate cluster, separate management" approach that ensures fault self-diagnosis and self-recovery. Patented design presents explosion and high-efficiency thermal management system further enhances safety and reliability.



### Smart O&M and Capacity Cube

Optional cloud service and 24-hour cloud intelligent maintenance, with quick fault location and analysis for convenient O&M. Modular battery cabinet design supports DC coupling and AC/DC one-stop system integration, with support for AC coupling and AC prefabricated cabins. Enjoy the flexibility to choose your preferred PCS brand.



### High Efficiency

Combined with EMS to maximize revenue and realize precise and efficient control. Design is optimized on hardware and software for higher conversion efficiency, with millisecond response times. Intelligent temperature control reduces power consumption.



### Convenient Installation

Designed to be convenient for integrated transportation, with containers that meet international standard sizes. On-site installation is easy, and the product is highly mobile and easy to transfer (battery included).

# TECHNICAL DATA

Type	EnerCube-1290
<b>Battery Parameters</b>	
Cell Type	LFP
Battery Capacity (BOL)	1290kWh
Voltage Range	672V~864V
<b>AC Output Parameters</b>	
AC Rated Power	Various Options:180kW,360kW,480kW or 600kW
Rated Voltage	AC400V,3P4W+PE
Rated Frequency	50Hz $\pm$ 5Hz/60Hz $\pm$ 5Hz
Max Output Current	690A
Power Factor	1 Leading~1 Lagging
Max Harmonic Current	<3%(Rated OutputPower)
Isolation Method	No Isolation Transformer
<b>General Parameters</b>	
Dimension (W*D*H)	6058mm*2438mm*2896mm
Weight	18000kg
IP Protection Grade	IP55(Battery room),IP34(PCS room)
Anti-Corrosion Grade	C3
Operating Temperature	-20%°C~ 55°C
Operating Altitude	<2000m
Battery Room Cooling Method	HVAC
Noise	<75dB
Fire Fighting Design	FM200
Communication Interface and Protocol	Ethernet, Modbus TCP/IP
Design Standard	IEC 62933, IEC62619, GB_T36558

Product specifications are subject to change without further notice.

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