

# Utility Scale Energy Storage Container

EBBL-3440/4073/5015kWh



## Specification

Model	EBBL-3440kWh	EBBL-4073kWh	EBBL-5015kWh
Cell (Ah)	280	306	314
Nominal Voltage (V)	1228.8	1331.2	
Configuration	10P384S	10P416S	12P416S
Rated Energy	3440kWh@1P, 25±5°C	4073kWh@0.5P, 25±3°C	5015.96kWh@0.5P, 25±3°C
Charge/discharge efficiency	95%@1P, 25±5°C		95%@0.5P, 25±3°C
Standard charge/discharge power (kW)	3440	2035	2508
Standard charge/discharge current (A)	2800	1530	1884
Working voltage range (V)	960~1401.6	1164.8~1497.6	
Thermal management method	Liquid cooling/heating		
Charge/discharge mode	Constant current/constant current constant voltage Constant power/constant power constant voltage		
Working temperature (°C)	-30~55		-30~60
Weight (t)	36	37	43
Storage humidity	< 85%		
Operating humidity	< 95%, Without condensation		
IP protection level	IP55		
Altitude (m)	≤5000 (>3000 Derating)		
Pollution level	Pollution level III	Pollution level II	
Communication	CAN/RS485/Ethernet		
Auxiliary power	AC 380V±5%, 50HZ		
Dimension (L*H*W)	6058*2896*2438mm		

### Active Safety

- Comprehensive safety design for batteries, fire protection, containers, and power stations.
- Intelligent battery protection management to reduce thermal runaway.

### Simple and Flexible

- Modular design, battery pre installation, pre commissioning, full container transportation.
- Quick configuration, one click networking and upgrading, saving 90% of debugging time.
- Support 2 \* 2 adjacent layouts to optimize station space area.

### Lean Intelligence

- PCS, BMS, EMS linkage design, full process monitoring and management.
- Insulation fault detection and protection, container and PACK linkage fire protection.
- Intelligent operation and maintenance platform, AI model prediction, early alarm prevention.