

CENTRIC-L 20-3344 AIO*

All-in-one Liquid Cooling Container ESS

◆ Tier-1 LFP Cells

Sourcing from renowned cell suppliers to ensure superior cell consistency

📄 Intelligent Liquid Cooling

Cell temperature difference ≤ 3 °C across the container

📊 Active Balancing BMS

Maximizes usable capacity and extends battery life&performance

🛡️ 800 V AC Output

Connects directly to PV inverters, reducing conversion losses

❄️ -30°C to 55°C Operation Temperature

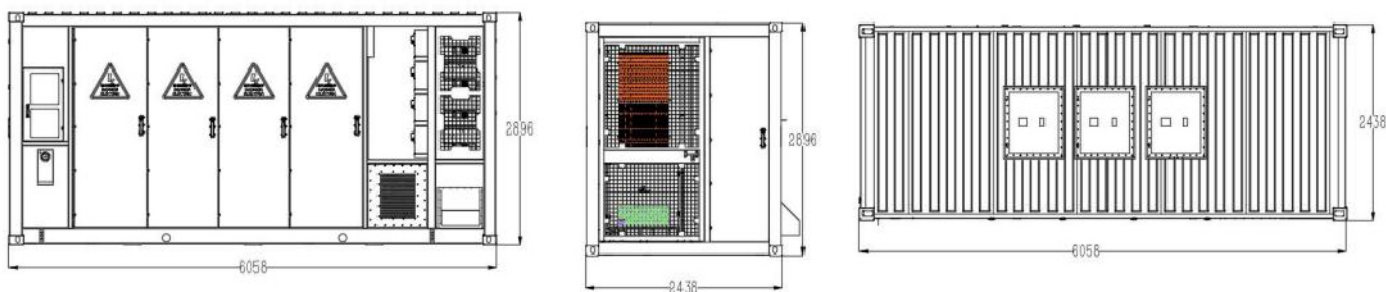
Can be installed in harsh conditions (extreme heat/cold)



*AIO: All-in-one design integrates Battery & PCS

**800V AC All-in-One
Liquid-Cooled Containerized BESS**

Model	1000 kW / 2090 kWh	1200 kW / 2508 kWh	1400 kW / 2926 kWh	1600 kW / 3344 kWh
DC Parameters				
Battery Cell	LFP 3.2 V / 314 Ah			
Nominal Capacity	2090 kWh	2508 kWh	2926 kWh	3344 kWh
Voltage Range	1164.8 ~ 1496.7 V			
AC Parameters				
Nominal AC Power	1000 kW	1200 kW	1400 kW	1600 kW
AC Current Distortion Rate	< 3%			
Nominal AC Voltage	800 V			
AC Voltage Range	704 ~ 880 V			
Power Factor	-1.0 ~ 1.0			
Nominal Frequency	50 / 60 Hz			
Standard	VDE 4110&4120, NTS2.1, UNE 217001, UNE217002, IEEE1547, EN 50549-2			
Other Parameters				
Dimension (W × D × H)	6058 × 2438 × 2896 mm (±5mm)			
Weight (ARO)	29000 kg	31500 kg	34000 kg	36500 kg
Protection Level	IP 55			
Anti-corrosion Level	C4 / C5 (optional)			
Operation Temperature	-30 ~ 55 °C (>45°C derating)			
Storage Temperature	-30 ~ 60 °C			
Attitude	2000 m (> 2000m derating)			
Cooling Method	Liquid cooling			
Fire Suppression System	Smoke & Gas Detectors, Aerosol, Vent Valve, Explosion Relief Panel, Water Sprinkler, Humiture Detector			
Communication	MODBUS			
Standards	CE-EMC, CE-LVD, IEC 62619, UN38.3			



Unit: mm

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