

Product Features



Low LCOS

Reduce footprint and save on-site workload

Smart liquid cooling system assists the optimal performance of cell throughout lifecycle, expanding the longevity of battery system

Thermal control strategies adapting to various operating conditions reduce auxiliary power consumption and save costs



Safe and Reliable

Digital modeling technology ensures AI analysis throughout cell's lifecycle, achieving early warning of cell safety

Multi-dimensional intelligent sensing system monitors cell, electrical and structural safety status, safeguarding active safety management of system

Multi-level electrical protection and fire suppression design



Highly Integrated

Energy density 30% higher and less area occupied compared with air-cooling system

Modular design facilitates easy transportation and installation

Compatible with multiple PCS and EMS



Smart and Efficient

Local data AI analysis, assists engineering, commissioning and equipment diagnosis

Fault response suggestions support on-site O&M



HYPERBLOCK II

LIQUID-COOLING ENERGY STORAGE SYSTEM



Renewable Smoothing
- Power generation side



Frequency Regulation
- Grid transmission side



Energy Arbitrage
- User side

HYPERBLOCK II

TECHNICAL SPECIFICATIONS

Model

CG/HSL10AD-20H3727A

DC Side

Battery Type	LFP-280Ah
Configuration	10P416S
Rated Energy (kWh)	3727.36
Rated Voltage (V_{dc})	1331.2
Voltage Range (V_{dc})	1206.4~1476.8
Rated Power (kW)	1863.68@25°C
Rated Charge and Discharge Current (A)	1400
Maximum Pulse Current (A)	1550 (30s)

General Parameters

Dimensions (W*D*H)	6058*2438*2896mm
Weight (kg)	≤38000
IP Rating	Pack-IP67, PDU-IP55, Container-IP55
Operating Humidity	0~95%RH (non-condensing)
Operating Temperature	-20~60°C
Altitude (m)	≤2000
Auxiliary Power Supply	400Vac 50Hz/480Vac 60Hz
Communication Interface	Ethernet, RS485
Cooling Method	Smart Liquid Cooling
Fire Suppression System	Temperature sensing, smoke sensing, combustible gas detection, cabin level aerosols (electric starting) ventilation system, water fire protection
Certifications	UN38.3, IEC61000, IEC62619, IEC60730, IEC63056, IEC62477, UL9540A, UL1973