

COMO Series H5

High Voltage Battery System



10.24-30.72
kWh

LFP

IP 65



Features

- Modular safety, with six layers of protection per battery pack:
 - Full-tab cell design reduces thermal resistance;
 - Built-in fire extinguishing module automatically extinguishes fires within 5 seconds;
 - Comprehensive cell health monitoring;
 - Gas-electric reverse design for enhanced safety;
 - External module insulation;
 - Equipped with a pressure relief valve for automatic pressure relief and explosion protection.
- Modular installation with floating terminals for quick docking.
- Built-in heating system ensures safe operation even at -20°C.
- Supports 1C charging and discharging, adapting to different load requirements.
- Supports 12 parallel clusters, up to 368.6kWh.

COMO H5 Product Specifications

Model	CH510K2M001	CH515K3M001	CH520K4M001	CH525K6M001	CH530K7M001
Performance Specifications					
Battery Type	Lithium Iron Phosphate (LFP)				
Rated Energy (kWh)	10.24	15.36	20.48	25.60	30.72
Rated Voltage	204.8	307.2	409.6	512.0	614.4
Voltage Range	179.2~ 233.6	268.8 ~ 350.4	358.4 ~ 467.2	448.0 ~ 584.0	537.6 ~ 700.8
Rated Capacity (Ah)	50				
Rated Charge Current (A)	25				
Rated Discharge Current (A)	25				
Max Continuous Charge Current (A)	50				
Max Continuous Discharge Current (A)	50				
Communication	RS485 / CAN2.0				
Display	LED indicator lights + mobile APP (coming soon)				
Cycle Life	10 years or 6,000 cycles (@90% DOD, 70% EOL)				
Protection Features	Four-layer safety protection [BMS, fire suppression capsule, system circuit protection, cloud monitoring], over-tem- perature protection, overcurrent protection, short-circuit protection, overcharge protection, over-discharge protection				
Maximum Parallel Units	12				
Intelligent Heating	Supported				
Warranty	5 years (standard) / 10 years (optional)				
Physical Specifications					
Dimensions [W×H×D] (mm)	550*580*350	550*785*350	550*990*350	550*1195*350	550*1400*350
Weight (kg)	113.2	160.7	208.2	255.7	303.2
Environmental Specifications					
Storage Temperature (°C)	0 ~ +35				
Discharge Temperature (°C)	-20 ~ +55				
Charge Temperature (°C)	-20 ~ +50				
Relative Humidity	5% ~ 95%				
IP Rating	IP65				
Altitude (m)	≤2000				
Cooling Method	Natural cooling				
Mounting Method	Indoor / Outdoor floor-standing installation				
System Certifications					
Battery System	IEC 62619:2022, IEC/EN 62040-1				
EMC Certification	EN/IEC 61000-6-1:2019, EN/IEC 61000-6-3:2021, EN/IEC 61000-6-2:2019, EN/IEC 61000-6-4:2019				
Other Certifications	UN 38.3, RoHS 2.0				

* Test conditions: 25°C, at the beginning of product life cycle.
 * Product specifications are subject to change without prior notice.