



COMO Series L1

Low Voltage
Battery System



Ultra Light Module (<20 kg)



Four Layers Ultra-Protection



Easy and Simple Installation



Features

- Intelligent thermal management enables the system to start at minus 30 degrees Celsius.
- Just one person needed for system installation
- "Cell-pack-system-cloud" four-layers ultra-protection

COMO Series L1

Low Voltage Battery System

Performance Specifications				
Battery Type	Lithium Iron Phosphate Battery			
Nominal Energy ¹⁾	5.0 kWh	7.5 kWh	10.0 kWh	12.5 kWh
Nominal Voltage	48.0 Vdc			
Voltage Range	42.0 ~ 54.0 Vdc			
Nominal Charge Current	52 A	100 A	100 A	100 A
Nominal Discharge Current	80 A	100 A	100 A	100 A
Nominal Charge Power	2.5 kW	4.8 kW	4.8 kW	4.8 kW
Nominal Discharge Power	3.8 kW	4.8 kW	4.8 kW	4.8 kW
Communication Interface	RS485 / CAN2.0,Wi-Fi / 4G			
Warranty	10 years or 6000 cycle system warranty (@90%DOD)			
Protection	Over Temperature, Over Current, Short Circuit, Over Charge, Over Discharge, etc.			
Mechanical Specifications				
Dimensions (W*H*D)	630 × 600 × 180mm	630 × 800 × 180mm	630 × 1000 × 180mm	630 × 1200 × 180mm
Weight	46.8 kg (103.2 lbs)	66.6 kg (146.8 lbs)	86.4 kg (190.5 lbs)	106.2 kg (234.1 lbs)
Environment Specifications				
Installation Location	[Indoor / Outdoor] Floor Standing, Wall-mounted			
Operating Temperature	-22°F ~ 131°F (-30°C ~ 55°C)			
Storage Condition (At shipping state)	-22°F to 86°F (0°C to 30°C), 5% SOC ~ 50% SOC			
Humidity	5% ~ 95%			
IP Grade	IP 65			
Altitude	Max. 9842.5ft (3,000m)			
Cooling Strategy	Natural Convection			
Certification				
Battery System	IEC 62619: 2022, IEC 60730-1 Annex H, EN/IEC 62477-1:2022/A12:2021			
Emissions	EN / IEC 621000-6-2/4			
Others	UN 38.3, ROHS 2.0			
<p>¹⁾Test Conditions - Temperature 77°F (25°C), at the beginning of life; *Product specification may change without notice."</p>				