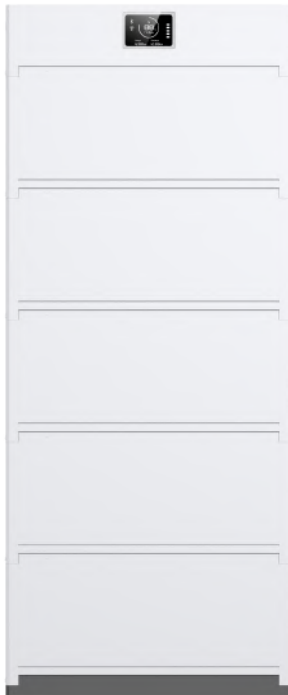


PRODUCT FEATURES

META L2

- Scalable from 10.1kWh to 176kWh power configurations.
- Modular design allows convenient installation, more operation.
- Extendable—modular, adding more capacities as needed.
- Safest LiFePO4 technology, sustained power supply.
- 6000 cycle life.
- Armed with POWERROAD designed BMS, full—scale protection, safety first
- IP55 protection with residential design, fitting in—and—out—door scenarios.
- Floor space sparing, allowing more space management.
- RS485, CAN communication support.
- Compatible with mainstream brand inverters: Goodwe, Growatt, Deye, Victron, Studer, Aiswei, Voltronic, SRNE...



Stack Battery System META L2

The META L2 is powered by lithium-ion phosphate (LiFePO4) battery and for use with an external inverter.

Given the credit to the POWERROAD BMS, users can scale the battery configuration to meet the scenarios, the system supports power configuration from 10.1kWh to 176kWh (In parallel), covering the essential house— hold power consumption.

Starting with 2 modules of 48V 105Ah batteries, users can configure more modules to design their own system, the tremendous connectors can support battery wiring in parallel vertically, saving floor space.



Small Form Factor
Sparing Floor Space



Powerful Energy Supply
Trusted & Sustained



Easy to Install
Easy to Transport



Expend Capacity
To Meet Your Needs



Parallel System
10.1kWh ~ 176kWh Capacity

TECHNICAL PARAMETER

META L2



Technical Parameters

Battery System Model	META L2			
Cell Technology	LiFePO4			
Battery System Capacity (kWh)	10.1	15.1	20.2	25.2
Battery System Voltage (Vdc)	48			
Battery System Capacity (Ah)	210	315	420	525
Battery Controller Model	HSC-48100			
Battery Module Model	H-S48100			
Battery Module Quantity (pcs)	2	3	4	5
Battery Module Capacity (kWh)	5.04			
Battery Module Voltage (Vdc)	48			
Battery Module Capacity (Ah)	74			
Communication	CAN, RS485 (Optional: Wi-Fi & Bluetooth)			
Cycle Life (Cycles)	6000			

Battery System Charge Parameters

Battery System Charge Upper-Voltage (Vdc)	54			
Battery System Charge Current (Amps, Standard)	42	63	84	105
Battery System Charge Current (Amps, Normal)	105	157.5	200	200
Battery System Charge Current (Amps, Max.)	200	200	200	200

Battery System Discharge Parameters

Battery System Discharge Lower-Voltage (Vdc)	40.5			
Battery System Discharge Current (Amps, Standard)	42	63	84	105
Battery System Discharge Current (Amps, Normal)	105	157.5	200	200
Battery System Discharge Current (Amps, Max.)	200	200	200	200

General Parameters

Dimension (W*D*H, mm)	550*310*640	550*310*873	550*310*1106	550*310*1339
Weight (kg)	103	148	193	238
Protection Class	IP55			
Cooling Type	Natural Cooling			
Charge Temperature Range (°C)	0 ~ 45			
Discharge Temperature Range (°C)	-10 ~ 50			
Humidity	5% ~ 95% (without condensation)			
Altitude (M)	<2000			
Certificate	CE, UN38.3			

Compatible inverters



The battery system (META L2) consists of 3 parts: battery controller (HSC-48100), battery module (H-S48100) and base plate.
All product specification are subject to change without notice.

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