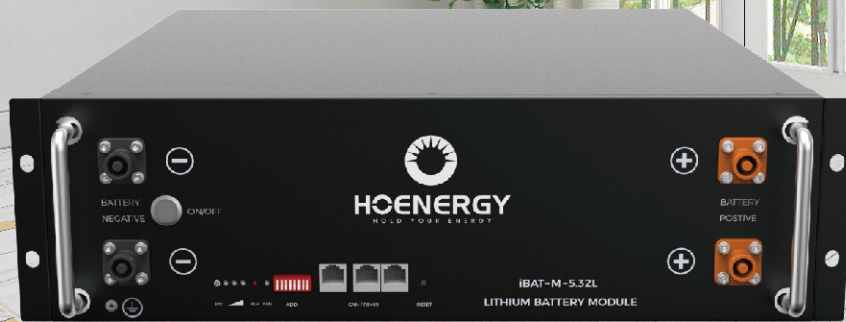


# Low-voltage Battery

## ML Series

iBAT-M-5.32L



### High Performance

LFP prismatic battery cell, high safety



### Long Service Life

Life cycles  $\geq 6000$  [1]



### small volume & High Capacity

Modular drawer style design,  
battery capacity 5.32kWh



### High Safety & Reliable

With superior vehicle-level BMS, more reliable  
protection functions



### Easy to Install

Fool-proofing design, plug and play



### flexible Applications

Scalable to 21.28kWh/31.92kWh based on needs



### iCAB-M-L

Max. 4pcs -21.28kWh



### iCAB-M-6PC

Max. 6pcs-31.92kWh

Battery Model		iBAT-M-5.32L	
Battery Type	Lithium-ion	Weight	43kg
Nominal Capacity	5.32kWh	Dimensions(LXWXH)	482x500x133mm
Depth of Discharge	93%	Ingress Protection	IP20
Charge/Discharge Efficiency	98%	Cycle Life	≥6000 <sup>[1]</sup>
Nominal Voltage	51.2V	Design lifetime	16 years+
Operating Voltage	43.2V~57.6V	Safety Standards	CE, UN38.3, SDS
Continuous charge/discharge current <sup>[2]</sup>	52A	Protections	Short circuit protection, overcharge protection, overdischarge, over temperature protection
Max. charge/discharge current <sup>[2]</sup>	100A	Communication	CAN between battery and inverter RS485 between batteries
Charge Temperature	0°C~45°C	Compatible inverter	Sungrow/Huawei/Goodwe/Growat Sofar/Fox/Voltronic
Discharge Temperature	-10°C~55°C		

Cabinet Model	iCAB-M-L2	iCAB-M-L3	iCAB-M-L4
Battery Number	2pcs	3pcs	4pcs
Nominal Capacity	10.64 kWh	15.96 kWh	21.28 kWh
Depth of Discharge	93%	Nominal Voltage	51.2V
Operating Voltage	43.2V~57.6V	Continuous charge/discharge current <sup>[2]</sup>	52A
Max. charge/discharge current <sup>[2]</sup>	100A	Communication Interface	CAN/RS485
Ingress Protection	IP65	Dimensions(LxWxH)	600x350x1300 mm

Cabinet Model	iCAB-M-6PC				
Battery Number	2pcs	3pcs	4pcs	5pcs	6pcs
Nominal Capacity	10.6kWh	15.9kWh	21.2kWh	26.6kWh	31.9kWh
Depth of Discharge	93%	Nominal Voltage	51.2V		
Operating Voltage	43.2V~57.6V	Continuous charge/discharge current <sup>[2]</sup>	52A		
Max. charge/discharge current <sup>[2]</sup>	100A	Communication Interface	CAN/RS485		
Ingress Protection	IP21	Dimensions(LxWxH)	600x600x1164 mm		

[1] Test conditions: temperature 25±2°C , charge & discharge current 0.5C/0.5C, 70%EOL≥6000

[2] The current is affected by temperature and SOC.

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