

# Low-voltage Battery

## ML Series

iBAT-M-5.32L



### High Performance

LFP prismatic battery cell, high safety



### small volum & High Capacity

Modular drawer style design,  
battery capacity 5.32kWh



### Easy to Install

Fool-proofing design, plug and play



### Long Service Life

10-year warranty, life cycles  $\geq 6000^*$



### High Safety & Reliable

With superior vehicle-level BMS, more reliable  
protection functions



### Flexiable Applications

Scalable to 21.28kWh/31.92kWh based on needs



### iCAB-M-4PC

Max. 4pcs -21.28kWh



### iCAB-M-6PC

Max. 6pcs -31.92kWh

# Data Sheet

Battery Model		iBAT-M-5.32L	
Battery Type	LFP	Weight	43kg
Nominal Capacity	5.32kWh	Dimensions(LXWXH)	482x500x133mm
Depth of Discharge	93%	Ingress Protection	IP20
Charge/Discharge Efficiency	98%	Cycle Life	≥6000*
Nominal Voltage	51.2V	Warranty	10 Years
Operating Voltage	43.2V~57.6V	Safety Standards	CE, UN38.3, MSDS, IEC62619
Max. Charge Current	52A	Protections	Short circuit protection, overcharge protection, overdischarge, over temperature protection
Max. Discharge Current	70A	Communication	CAN between battery and inverter RS485 between batteries
Charge Temperature	0°C~45°C	Compatible inverter	Sungrow/Huawei/Goodwe/Growatt Deye/Sofar/Fox/Voltronic
Discharge Temperature	-20°C~60°C		

Cabinet Model		iCAB-M-4PC	
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	Max. Charge Current	52A
Max. Discharge Current	52A	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	Max.Charge Current	52A		
Max. Discharge Current	52A	Communication Interface	CAN/RS485		
Ingress Protection	IP21	Dimensions(LxWxH)	600x600x1164 mm		

\* Under specific test conditions