



# ECO<sup>LV</sup>

## 20-50kWh

### Stacked Series

Energy Storage Battery



## Features <<<

### ► Lift-up Mobility

From 20.48KWh to 51.2KWh

Between 2 to 5 battery modules can be used in single stack to give 20.48 to 51.2Kwh usable capacity

Up to 6 stacks can be connected in parallel to give a maximum 307.2kWh usable capacity

Additional module or parallel stack can be added to increase capacity

### ► Safety Guaranteed

LFP battery, Cobalt free, environmentally friendly · Maximized safety cycle life, and power output

### ► Wide-range Application Scenarios

Suitable for Emergency-Backup and Off-Grid





Self-Consumption Optimization for Residential and Commercial



Jiangxi Imoch Energy Co., Ltd

Web: <https://www.imochenergy.com/> info@imochenergy.com

# 20-50KWh Ground Eco Low Voltage Battery Energy Storage System

Model Capacity	LH02-IMC20	LH03-IMC30	LH04-IMC40	LH05IMC50
System Demo				
Battery Module	ECOBOX-LV-10 (10.24kWh,200AH,51.2V,90kg,640*379*230)			
Battery Type	LiFePo4			
Number Of Modules	2	3	4	5
Energy Capacity(kW-h)	20.48	30.72	40.96	51.2
Normal Voltage(V)	51.2			
Operating Voltage Range(V)	44.8~57.6			
Standard Charge/Discharge Current	100A@0.5C(max200A)			
Dimension mm(W/D/H)	640*379*500	640*379*730	640*379*960	640*379*1190
Weight(KG)	180	270	360	450
OperationTemperature	-10-45°C			
IP Protection	IP21			
Installation	Floor installation			
Warranty	5 years			
BMS Monitoring Parameters	SOC, system voltage, current, cell voltage			
Application scenarios	Application Solar System ,Power Back Up, UPS system			
Life Cycling (0.5C & 25°C)	6000 cycles @ 0.5C;80%DOD			
Communication Port	CAN/RS485			

## Compatible Inverter Brands. < < <



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BLUE POWER



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