

# Power Home mBattery

**3 kWh**

Modularized  
LFP battery

**6000**

Cycle Life

**96kWh**

Stack up to

The Mango Power mBattery is designed for PV self-consumption, backup power, load shifting, and off-grid solutions for household applications. With the modularized 3 kWh LFP battery, users can supply backup energy for the whole house, or just part of it.



# Power Home mBattery

## Model/Parameters 3 kWh

Normal Voltage	51.2 V
Normal Capacity	60 Ah
Operating Voltage	45~56 V
Rated energy	3.07 kWh
Battery Type	Li-ion (LiFePO4)
Ah Efficiency	99.5 %
Wh Efficiency	96 %
Standard Power	2.9 kW
Recommended Charging current	30 A
Maximum Discharging current	60 A
Dimension (L x W x H)	44.2 x 43.5 x 8.8cm
Weight	29kg

## Communication 3 kWh

Battery to Inverter	RS485/CAN 2.0
Battery to Battery/BMS	RS485
Capacity Indicator	4x LED (25%, 50%, 75%, 100%) & LCD Screen
Switch ON/OFF	Button

## Environment 3 kWh

Operating Temperature	-10 °C - 55 °C
Relative Humidity	5 % - 95 %
Altitude	Below 4000m

## Standard Comply 3 kWh

Safety	CE, TUV (IEC62619), ROHS
Hazardous Materials Classification	Class 9 / UN3480
Transport Testing Requirement	UN 38.3
Cycle Life [90% DOD]	> 6000 Cycles
Warranty	5 Years