

Newbatt Bring Energy to Life!

NEWBATT
ENERGY WEALTH

RMFox Off-Grid Energy Storage System

RMFox series is an off-grid energy storage system, which can connect solar panel, grid (or generator) and load.

It has built-in LFP battery, off-grid inverter and battery management system (BMS).

It has multiple work modes to meet lots of application scenarios, and reduce the electricity bill, store the energy for emergency back-up.



Advanced Design

- All in one design, compact and elegant appearance.
- Easy to install and move.
- Both PV and grid charge, fast and convenient.
- Peak-shaving mode, reduce the electricity bill.



High Reliability

- Integrate Max. 5.12kWh battery, long time power supply.
- LFP battery cell technology, safe than ever.
- Multiple protections, safe and reliable.



User-Friendly

- Multi-purpose AC outlet, easy to use.
- Multiple work modes, meet lots of scenarios.



Model	RMFox-Plus-30E	RMFox-Plus-50E
Battery		
Rated voltage	51.2V	51.2V
Voltage range	44.8~57.6V	44.8~57.6V
Capacity	5.12kWh	5.12kWh
Max. discharge rate	1C	1C
Max. charge rate	1C	1C
Battery type	Li-ion (LFP)	Li-ion (LFP)
AC Output(Backup)		
Rated power	3000W	5000W
Surge power	6000W,5s	10000W,5s
Rated output voltage	220/230/240V	220/230/240V
Max. output current	13.7A	22.7A
Rated frequency	50/60Hz	50/60Hz
THDv	< 3%	< 3%
Output wave	Pure Sine Wave	Pure Sine Wave
Output type	AC Socket×2+Terminals	AC Socket×2+Terminals
AC Input		
AC input voltage range	170~280V	170~280V
AC input frequency	50/60Hz	50/60Hz
AC charge current(Battery)	15A(10/15A Adjustable)	30A(0~80A Adjustable)
PV Input		
Max. PV power(Recommended)	1800W	6000W
Max. PV voltage	145V	450V
MPPT voltage range	60~115V	120~430V
Max PV charge current(Battery)	30A	100A
General Data		
Operating temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)	0°C~50°C (Charge) / -10°C~50°C (Discharge)
Storage temperature	-15°C~60°C	-15°C~60°C
Humidity	5%~95%	5%~95%
Cooling strategy	Fan	Fan
Weight	62kg	62kg
Dimension [W x H x D]	585*611*230mm	585*611*230mm
Enclosure protection rating	IP20	IP20
Communication	WiFi/RS485	WiFi/RS485
Certificate	CE,UN38.3,TUV mark	CE,UN38.3,TUV mark

Information may be subject to change without notice during product improving.