

UFox-U Off-Grid Energy Storage System

UFox-U 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	UFox-Plus-30U
Battery	
Rated voltage	51.2V
Voltage range	44.8~57.6V
Capacity	5.12kWh
Max. discharge rate	1C
Max. charge rate	1C
Battery type	Li-ion (LFP)
AC Output(Backup)	
Rated power	3000W
Surge power	6000W,5s
Rated output voltage	100/110/120V
Max. output current	30A
Rated frequency	50/60Hz
THDv	< 3%
Output wave	Pure Sine Wave
Output type	AC Socket×2+Terminals
AC Input	
AC input voltage range	65~140V
AC input frequency	50/60Hz
AC charge current(Battery)	30A(0~40A Adjustable)
PV Input	
Max. PV power(Recommended)	4000W
Max. PV voltage	250V
MPPT voltage range	120~245V
Max PV charge current(Battery)	80A
General Data	
Operating temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)
Storage temperature	-15°C~60°C
Humidity	5%~95%
Cooling strategy	Fan
Weight	67.6 kg
Dimension [W x H x D]	585*611*230mm
Enclosure protection rating	IP20
Communication	WiFi/RS485

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