

UFox-WP Off-Grid Energy Storage System

UFox-WP 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, 15cm thickness.
- Both PV and grid charge, fast and convenient.
- Peak-shaving mode, reduce the electricity bill.



High Reliability

- Integrate Max. 10.24kWh 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-WP-35E	UFox-WP-50E
Battery		
Rated voltage	51.2V	51.2V
Voltage range	44.8~57.6V	44.8~57.6V
Capacity	10.24kWh	10.24kWh
Max. discharge rate	0.7C	0.7C
Max. charge rate	0.5C	0.5C
Battery type	Li-ion (LFP)	Li-ion (LFP)
AC Output(Backup)		
Rated power	3500W	5000W
Surge power	7000W,5s	10000W,5s
Rated output voltage	220/230/240V	220/230/240V
Max. output current	16A	22A
Rated frequency	50/60Hz	50/60Hz
THDv	< 3%	< 3%
Output wave	Pure Sine Wave	Pure Sine Wave
Output type	Pluggable connector	Pluggable connector
AC Input		
AC input voltage range	170~280V	170~280V
AC input frequency	50/60Hz	50/60Hz
AC charge current(Battery)	30A(0~60A Adjustable)	30A(0~80A Adjustable)
PV Input		
Max. PV power(Recommended)	4500W	6000W
Max. PV voltage	450V	450V
MPPT voltage range	120~430V	120~430V
Max PV charge current(Battery)	80A	100A
General Data		
Operating temperature	0~50°C (Charge) / -10~50°C (Discharge)	0~50°C (Charge) / -10~50°C (Discharge)
Storage temperature	-15°C~60°C	-15°C~60°C
Humidity	5%~95%	5%~95%
Cooling strategy	Fan	Fan
Weight	120kg	120kg
Dimension [W x H x D]	660*1150*200 mm	660*1150*200 mm
Enclosure protection rating	IP44	IP44
Communication	WiFi/RS485	WiFi/RS485
Certificate	CE,UN38.3,TUV mark	

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