

Ucanpower. Bring Energy to Life!

**CAN** POWER

# UFox Off-Grid Energy Storage System

UFox 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.



## High Reliability

- Peak-shaving mode, reduce the electricity bill.
- 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
- LCD touch screen design



Model	UFox-Plus-35E		UFox-Plus-50E
Battery			
Rated voltage	51.2V		
Voltage range	44.8~57.6V		
Capacity	5.12kWh		
Max. discharge current	80A	110A	
Max. charge current	80A	80A	
Battery type	Li-ion (LFP)		
AC Output(Backup)			
Rated power	3500W	5000W	
Rated output voltage	208/220/230/240V		
Max. output current	16A	22.7A	
Rated current	15.2A	21.7A	
Rated frequency	50/60Hz		
THDv	< 3%		
Peak Efficiency(Battery Mode)	> 92%		
Output type	Pluggable connector		
AC Input			
Input sources	L+N+PE		
AC Input voltage range	154~264V		
Rated input voltage	208/220/230/240V		
AC input frequency	50/60Hz (Auto Adaptive)		
PV Input			
Max PV input Power	4500W	6000W	
Max. PV input Voltage	450V		
MPPT voltage range	120~430V		
Max. DC input current	18A		
Max. DC short circuit current	20A		
Number of independent MPPT trackers	1		
No. of PV strings per MPPT trackers	1/1	1/1	
General Data			
Range of working temperature	0~50°C (Charge)/-10~50°C(Discharge)		
Storage temperature	-15°C~60°C		
Humidity	20-95%		
Cooling strategy	Fan		
Altitude	<1000m		
Weight	62kg		
Dimension [W x H x D]	585*611*230mm		
Enclosure protection rating	IP20		
Communication	Wi-Fi (Optional)		
Certificate			
Certificate	CE,UN38.3,TUV mark		

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