

Model	UFox-X-100ET	UFox-X-150ET
<b>Inverter</b>		
Rated output power	10000W	15000W
Output surge power	20000W,5s	30000W,5s
Max. output current	16A/phase	22.7A/phase
Rated output voltage	220/380V	
Rated frequency	50/60Hz	
THDv	<3%	
Output wave	Pure Sine Wave	
Output type	Pluggable connector	
AC input voltage range	170~280V	
AC input frequency	50/60Hz	
AC charge current per inverter(Battery)	30A(0~60A) Adjustable	30A(0~80A) Adjustable
Max. PV power(Recommended)	4500W*3	6000W*3
Max. PV voltage	450V	
MPPT voltage range	120~430V	
Max PV charge current(Battery)	80A*3	100A*3
Weight	47.4kg	
Dimension [W x D x H]	620*365*369 mm	

<b>Battery module</b>	
Rated battery voltage	51.2V
Battery voltage range	44.8~57.6V
Capacity	5.12 kWh
Max. charge and discharge rate	1C
Battery type	Li-ion (LFP)
Weight	46.6kg
Dimension [W x D x H]	620*365*139mm

System Parameters							
System Structure							
Rated output power	10000 / 15000 W						
Number of battery	2	3	4	5	6	7	8
Battery capacity	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96 kWh
Operating temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)						
Storage temperature	-15~60°C						
Humidity	5%~95%						
Cooling strategy	Fan						
Enclosure protection rating	IP20						
Communication	WiFi/RS485						
Weight	146 kg	192.6 kg	239.2 kg	285.8 kg	332.4 kg	379 kg	425.6 kg
Dimension [W x D x H]	620*365*744 mm	620*365*883 mm	620*365*1022 mm	620*365*1161 mm	620*365*1300 mm	620*365*1439 mm	620*365*1578 mm

<b>Certificate</b>	
Certificate	CE,UN38.3,TUV mark

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

# UFox-X Off-Grid Energy Storage System

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

It contains expandable 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.



### High Reliability

- LFP battery cell technology, safe than ever.
- Multiple protections, safe and reliable.



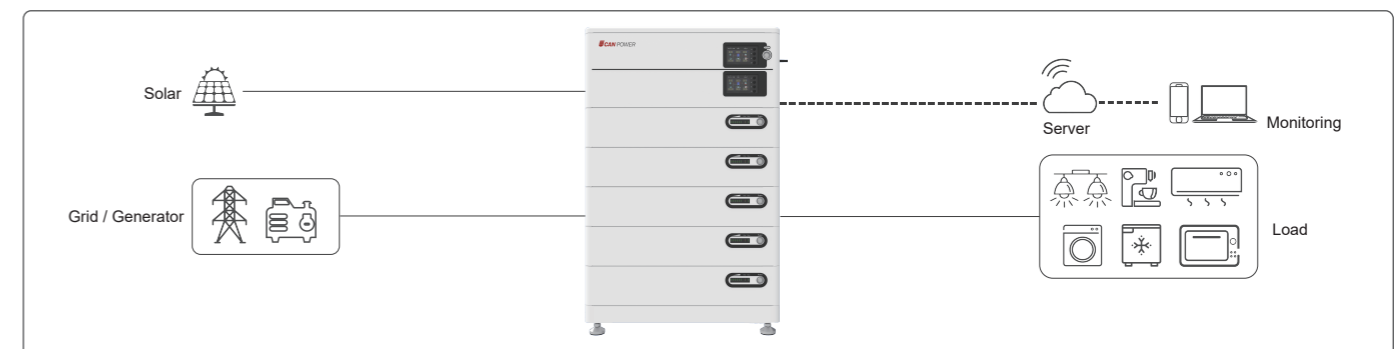
### User-Friendly

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



### Advanced Design

- Both PV and grid charge, fast and convenient.
- Peak-shaving mode, reduce the electricity bill.
- Modular and all in one design, compact and elegant appearance, battery is expandable.



Model	UFox-X-035ES	UFox-X-050ES
<b>Inverter</b>		
Rated output power	3500W	5000W
Output surge power	7000W,5s	10000W,5s
Max. output current	16A	22.7A
Rated output voltage	220/230/240V	
Rated frequency	50/60Hz	
THDv	< 3%	
Output wave	Pure Sine Wave	
Output type	Pluggable connector	
AC input voltage range	170~280V	
AC input frequency	50/60Hz	
AC charge current per inverter(Battery)	30A(0~60A) Adjustable	30A(0~80A) Adjustable
Max. PV power(Recommended)	4500W	6000W
Max. PV voltage	450V	
MPPT voltage range	120~430V	
Max PV charge current(Battery)	80A	100A
Weight	23kg	
Dimension [W x D x H]	620*365*171 mm	

<b>Battery module</b>	
Rated battery voltage	51.2V
Battery voltage range	44.8~57.6V
Capacity	5.12 kWh
Max. charge and discharge rate	1C
Battery type	Li-ion (LFP)
Weight	46.6kg
Dimension [W x D x H]	620*365*139 mm

**System Parameters**

System Structure							
Rated output power	3500/5000 W						
Number of battery	2	3	4	5	6	7	8
Battery capacity	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96kWh
Operating temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)						
Storage temperature	-15~60°C						
Humidity	5%~95%						
Cooling strategy	Fan						
Enclosure protection rating	IP20						
Communication	WiFi/RS485						
Weight	121.6 kg	168.2 kg	214.8 kg	261.4 kg	308 kg	354.6 kg	401.2 kg
Dimension [W x D x H]	620*365*546 mm	620*365*685 mm	620*365*824 mm	620*365*963 mm	620*365*1102 mm	620*365*1241 mm	620*365*1380 mm

<b>Certificate</b>	
Certificate	CE,UN38.3,TUV mark

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

Model	UFox-X-070ES	UFox-X-100ES
<b>Inverter</b>		
Rated output power	7000W	10000W
Output surge power	14000W,5s	20000W,5s
Max. output current	32A	45.4A
Rated output voltage	220/230/240V	
Rated frequency	50/60Hz	
THDv	< 3%	
Output wave	Pure Sine Wave	
Output type	Pluggable connector	
AC input voltage range	170~280V	
AC input frequency	50/60Hz	
AC charge current per inverter(Battery)	30A(0~60A) Adjustable	30A(0~80A) Adjustable
Max. PV power(Recommended)	4500W*2	6000W*2
Max. PV voltage	450V	
MPPT voltage range	120~430V	
Max PV charge current(Battery)	80A*2	100A*2
Weight	35kg	
Dimension [W x D x H]	620*365*256 mm	

<b>Battery module</b>	
Rated battery voltage	51.2V
Battery voltage range	44.8~57.6V
Capacity	5.12 kWh
Max. charge and discharge rate	1C
Battery type	Li-ion (LFP)
Weight	46.6kg
Dimension [W x D x H]	620*365*139mm

**System Parameters**

System Structure							
Rated output power	7000/10000 W						
Number of battery	2	3	4	5	6	7	8
Battery capacity	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh	40.96 kWh
Operating temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)						
Storage temperature	-15~60°C						
Humidity	5%~95%						
Cooling strategy	Fan						
Enclosure protection rating	IP20						
Communication	WiFi/RS485						
Weight	133.6 kg	180.2 kg	226.8 kg	273.4 kg	320 kg	366.6 kg	413.2 kg
Dimension [W x D x H]	620*365*631 mm	620*365*770 mm	620*365*909 mm	620*365*1048 mm	620*365*1187 mm	620*365*1326 mm	620*365*1465 mm

<b>Certificate</b>	
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