

Ucanpower, Bring Energy to Life!

CAN POWER

UBird Portable Suitcase Energy Storage System



UBird-X series is a portable 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). With the application scenario of outdoor adventures, family parties and emergency backup.



UBird-XN



Advanced Design

- Suitcase design, compact and elegant appearance.
- Easy to move for power supply.
- Both PV and grid charge, fast and convenient.



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.



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Model	UBird-XN-Mini-30E	UBird-XN-Plus-50E
Battery		
Rated voltage	51.2V	
Voltage range	44.8~57.6V	
Capacity	3.58kWh	5.12kWh
Max. discharge rate	1C	
Max. charge rate	1C	
Battery type	Li-ion (LFP)	
AC Output(Backup)		
Rated power	3000W	5000W
Surge power	6000W,5s	10000W,5s
Rated output voltage	220/230/240V	
Max. output current	13.7A	22.7A
Rated frequency	50/60Hz	
THDv	< 3%	
Output wave	Pure Sine Wave	
Output type	Multi-purpose AC Outlet×2	
AC Input		
AC input voltage range	170~280V	
AC input frequency	50/60Hz	
AC charge current(Battery)	15A(10/15A Adjustable)	30A(0~60A Adjustable)
PV Input		
Max. PV power(Recommended)	1800W	4500W
Max. PV voltage	145V	
MPPT voltage range	60~115V	
Max PV charge current(Battery)	30A	80A
General Data		
Operating temperature	0℃~50℃ (Charge) / -10℃~50℃ (Discharge)	
Storage temperature	-15℃~60℃	
Humidity	5%~95%	
Cooling strategy	Fan	
Weight	52kg	70kg
Dimension [W x H x D]	461 x 558 x 308 mm	531 x 608 x 308 mm
Enclosure protection rating	IP43	
Certificate	CE,UN38.3,TUV mark	

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