SX-U10 1 kWh Home Backup UPS

A 1 kWh home backup unit with a single 314 Ah LiFePO4 cell, a 500 W inverter, MPPT solar input and a switchover of 20 ms or less.

The AC socket is fitted for the destination market; socket type and PV input rating are confirmed in the quotation.



SPECIFICATIONS

Basic information	
Rated Capacity	1004Wh
Battery Type	LiFePO4
Cell Spec	3.2V/314Ah Monocell
Cycle life	8000 Cycles @ 90% DOD/25°C/0.5C
System Structure	Single cell integrated design
Dimension (W×D×H mm)	246×150×303mm
Weight(kg)	10Kg
Working Temperature	Charge : 0~45°C / Discharge : -20~55°C
Cooling	Smart air cooling
Display	LCD power/Status screen
Architecture	Single-cell, 3-in-1 (INV+Batt+MPPT)
IP Rating	IP20
Warranty	2 years
AC input	
Rated Input Voltage	230Vac
Rated Input Frequency	50Hz
Input Power Factor	＞0.95
AC output	
Rated Power	500W
Bypass Power	800W(6Amax)
Voltage/Frequency	230Vac±5Vac/50Hz±0.5%
Outlet	1×GB AC outlet
EPS	≤20ms
PV input	
Input Voltage Range	11-55Vdc
Maximum Input Current	10A max
Maximum Output Current	80A max
Maximum Input Power	300W max

DC output		
USB	5V/1A	
Listed certificates		
Certificates	CE,UN38.3	

Values as listed in the manufacturer's datasheet. Certificates shown are those listed by the manufacturer; reports and declarations are confirmed per model and destination in the quotation.

MARKETS AND DELIVERY

- **Markets:** Latin America (excluding Brazil) and Africa. Not offered for EU markets for now.
- **Delivery:** FOB China; confirmed in the quotation.