

**LU X POWER<sup>TEK</sup>**

# Eco Beast

**All In One Loadshedding Stack,  
Robust More Than Ever.**



Your Reliable Energy Solution Partner



Stylish Look  
One-stop for All



Scalable Design  
5kWh/10kWh Option



No.1 Selling SNA Inverter  
Proven Quality



Solid Support  
Worldwide Accessibility



Plug and Play Instand  
Loadshedding Relief



Handy Monitoring  
Effortless Control

## BATTERY MODULE

Battery Power (kWh) Rated Voltage (V) Rated Capacity (Ah) Battery Type Max. Parellel (Default) Max. Discharging Current (A) Max. Charging Current (A) Dimension (D*W*H) (mm) Net Weight Standard	5.12 51.2 100 Lithium-ion 2PCS 100 100 165*580*434 TBD UN38.3, CE
<b>INVERTER MODULE Input (PV/DC)</b>	
Max. PV Array Power (W) Rated pV Input Voltage (V) Number of Independent MPPT Inputs pV Input Voltage Range (V) MPPT Voltage Range (V) Start-up Voltage (V) Max. PV Input Current per MPPT (A) Max. Py Short-circuit Current per MPPT (A) Max. PV Charging Current (A)	8000(4000/4000) 320 2 100~480 120~385 100 17/17 25/25 125
<b>XBP6000</b>	

## Battery Input

Battery Volatge (V) Max. Charging/Discharging Current (A) Max. Charging/Discharging Power (W) Protection	8000(4000/4000) 320 2 100~480
<b>UPS output @off-grid</b>	
Output Voltage Waveform Output Voltage Regulation (V) Output Frequency (Hz) Rated Output Power (W) Rated Output Current (A) Peak Efficiency Overload Protection Surge Power Parallel Quantity	120~385 100 17/17 25/25 125

## AC Input

Nominal Input Voltage (V) Nominal Input Frequency (Hz) Max. AC Input Current (A) Max. AC Input Power (W) Max. AC Charging Current (A)	38.4~60 125/140 6000 Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature
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## AC Ouput @Grid

Rated AC Output Current (A) Rated AC Output Power (W) Rated AC Current of Bypass Relays (A) Switching Time	Pure sine wave 208/220/230/240±5% 50/60 6000
<b>Generator Input</b>	
Rated GEN Voltage (V) Rated GEN Frequency (Hz) Rated GEN Input Current (A) Rated GEN Input Power (W) Rated GEN Current of Bypass Relays (A)	26.5 93% 5s@≥150% overload; 10s@110%~150% overload 2*Pn, 5s 16PCS

## Protection/General Specifications

Grid Monitoring AC Surge Protection type III Safety Certification Dimension(D*W*H) (mm) Net Weight (kg) Ingress Protection Rating Display&Communication Interface Cooling Method Topology Noise Emission(typical) (dB) Operating Temperature Range (°C) Storage temperature (°C) Humidity Altitude (m)	230 50/60(Auto detection) 39.5 9000 125
	26.5 6000 60 Typical <10ms @ Single; <30ms @ Parallel
	220/230/240 50/60 32 7370 60
	YES YES CE, UN38.3, NRS097 165*580*350 -- IP20 LCD+LED, RS485/Wi-Fi/CAN Smart Cooling Transformer-less <58 0~45 -15~60 5% to 95% Relative Humidity (Non-condensing) <2000

\*Note: 115A @48VDC (AC), 125A @44VDC (AC), 125A @48VDC (PV)

