



Off-grid Solar Inverter

LightUp

L8000 / L11K



APPLICATIONS

- Power supply for farming barns
- Commercial Buildings & Industrial Factories
- Power supply for places where is no access to the utility
- Self-sufficient power system for energy independence

FEATURES

- Pure sinewave inverter
- Compatible with utility and generator
- Smart battery management
- Dual outputs with loads management
- Movable LCD control module
- Multiple communication ports for BMS
- Integrated Wi-Fi monitoring with APP
- Parallel operation with multiple units

Product Specification of Off-grid Inverter

MODEL NAME	L8000 (PVI8001-2V00)	L11K (PVI0113-2V00)
Nominal Output Power (W)	8000	11000
Parallel Units	6	6
AC OUTPUT		
AC Voltage Regulation (Vac)	230 ± 5% (Battery Mode)	230 ± 5% (Battery Mode)
Surge Power (VA)	16000	22000
Transfer Time (ms)	< 20	< 20
Waveform	Pure Sine Wave	Pure Sine Wave
AC INPUT		
Nominal Voltage (Vac)	230	230
Voltage Range (Vac)	90 ~ 280	90 ~ 280
Frequency (Hz)	50 / 60 (Auto Sensing)	50 / 60 (Auto Sensing)
PV INPUT		
Charger Type	MPPT (2)	MPPT (2)
Maximum Power (W)	8000 (4000 x 2)	11000 (5500 x 2)
Operating Voltage Range (Vdc)	90 ~ 450	90 ~ 450
Open Circuit Voltage (Vdc)	500 (max.)	500 (max.)
Input Current (A)	27 x 2	27 x 2
Charge Current (A)	120 (max.)	150 (max.)
BATTERY		
Nominal Voltage (Vdc)	48	48
Floating Charge Voltage (Vdc)	54	54
Over-charge Protection (Vdc)	66	63
INTERFACE		
Communication	USB / RS232 / RS485 / Wi-Fi	USB / RS232 / RS485 / Wi-Fi
MECHANICAL		
Dimension (mm)	D 148 x W 433 x H 554	D 148 x W 433 x H 554
Net Weight (kgs)	18.4	18.4
ENVIRONMENTAL		
Humidity (%)	5 ~ 95 (Relative Humidity)	5 ~ 95 (Relative Humidity)
Operating Temperature (°C)	-10 ~ 50	-10 ~ 50
Storage Temperature (°C)	-15 ~ 60	-15 ~ 60
SAFETY		
Certifications	IEC 62109-1, IEC 62109-2, EN 61000-6-2, EN 61000-6-4	

Product specifications are subject to change without further notice.



FEATURES

- Operated with LightUp L8000 / L11K off-grid inverter.
- Flexible configuration from 10kWh to 20kWh.

MODEL NAME	EnerXPack 5000		
Cell Material	LFP		
Applicable Inverter Power (kW)	6 ~ 12		
Number of Module	2	3	4
Output Energy (kWh)	10	15	20
Nominal Voltage (V)	51.2	51.2	51.2
Operating Voltage Range (V)	40 ~ 56	40 ~ 56	40 ~ 56
Nominal Discharge Current (A)	300	300	300
Maximum Discharge Current (A)	384 (@1 min)	384 (@1 min)	384 (@1 min)
MECHANICAL			
Dimension (mm)	D 185 x W 540 x H 1040	D 185 x W 540 x H 1460	D 185 x W 540 x H 1880
Net Weight (kgs)	102	150	198
INTERFACE			
Communication	RS485 port (RJ45) / CAN		
ENVIRONMENTAL			
Operating Temperature (°C)	0 ~ 50		
Storage Temperature (°C)	25 ~ 45 (under 3 Months) ; -20 ~ 25 (under 18 Months)		
IP Protection	IP 20		
SAFETY			
Cerifications	UN 38.3 / IEC 62619		

LightUp L8000 / L11K & EnerXPack 5000

System Configurations

