



Off-grid Solar Inverter

# LightUp

## E2000 / E3000



E3000

### APPLICATIONS

- Pico-Grid for Household
- Prefabricated Houses
- Electrification in Rural Areas

### FEATURES

- Pure sinewave inverter
- Compatible with utility and generator
- Smart battery management
- Energy independency
- Auto restart while AC is recovering



E2000

## Product Specification of Off-grid Inverter

MODEL NAME	E2000 (PVI2001-2V00)	E3000 (PVI3001-2V00)
Nominal Output Power (W)	2000	3000
<b>AC OUTPUT</b>		
AC Voltage Regulation (Vac)	230 ± 5% (Battery Mode)	230 ± 5% (Battery Mode)
Surge Power (VA)	4000	6000
Transfer Time (ms)	< 20	< 20
Waveform	Pure Sine Wave	Pure Sine Wave
<b>AC INPUT</b>		
Nominal Voltage (Vac)	230	230
Voltage Range (Vac)	90 ~ 280	90 ~ 280
Frequency (Hz)	50 / 60 (Auto Sensing)	50 / 60 (Auto Sensing)
<b>PV INPUT</b>		
Charger Type	PWM	PWM
Maximum Power (W)	1200	1200
Open Circuit Voltage (Vdc)	80 (max.)	80 (max.)
Charge Current (A)	50 (max.)	70 (max.)
<b>BATTERY</b>		
Nominal Voltage (Vdc)	24	24
Floating Charge Voltage (Vdc)	27	27
Over-charge Protection (Vdc)	31	33
<b>INTERFACE</b>		
Communication	USB / RS232	USB / RS232
<b>MECHANICAL</b>		
Dimension (mm)	D 88 x W 225 x H 320	D 100 x W 285 x H 334
Net Weight (kgs)	5	6.3
<b>ENVIRONMENTAL</b>		
Humidity (%)	5 ~ 95 (Relative Humidity)	5 ~ 95 (Relative Humidity)
Operating Temperature (°C)	-10 ~ 50	-10 ~ 50
Storage Temperature (°C)	-15 ~ 60	-15 ~ 60
<b>SAFETY</b>		
Certifications	IEC 62109-1, IEC 62109-2, EN 55032	

Product specifications are subject to change without further notice.