



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
AC OUTPUT		
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
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	PWM	PWM
Maximum Power (W)	1200	1200
Open Circuit Voltage (Vdc)	80 (max.)	80 (max.)
Charge Current (A)	50 (max.)	70 (max.)
BATTERY		
Nominal Voltage (Vdc)	24	24
Floating Charge Voltage (Vdc)	27	27
Over-charge Protection (Vdc)	31	33
INTERFACE		
Communication	USB / RS232	USB / RS232
MECHANICAL		
Dimension (mm)	D 88 x W 225 x H 320	D 100 x W 285 x H 334
Net Weight (kgs)	5	6.3
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		
Standards	IEC 62109-2/-1 ; EN 55032 ; EN 61000-3-2	

Product specifications are subject to change without further notice.