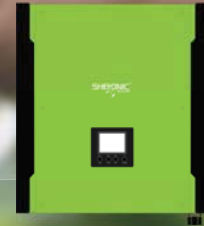


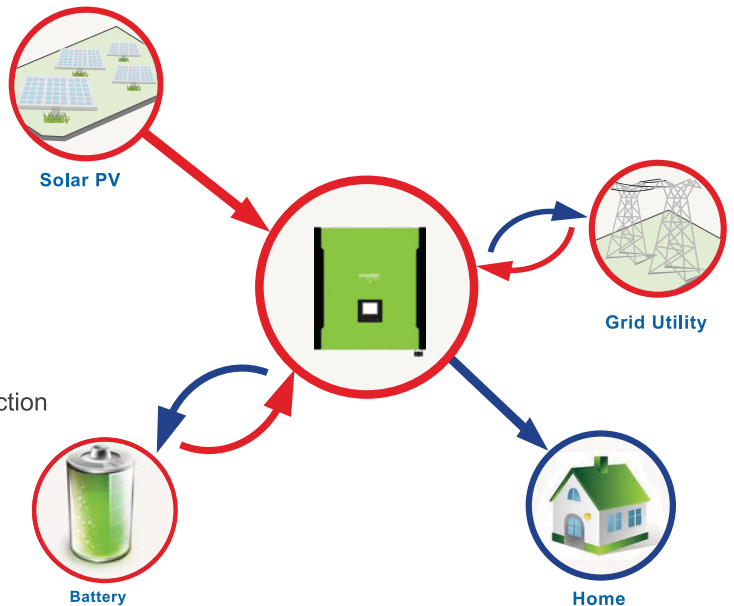


SHEKONIC™

SOL Hybrid 3000



- World #1 home solar power combo system, on-grid and off-grid inverter
- Dual output frequency auto sensing (50Hz or 60Hz)
- Embedded 6KWh deep cycle hybrid battery
- Programmable charging capability enables end user to sell high and buy low
- Embedded fuse and breaker gives best safety protection
- LED display for easy setup
- Pure Sinewave output
- Build-in 1.2KW MPPT charger



Home Solar Power Combo System Benefits:

- Home solar power system to power your home device including air conditioner and Fridge
- Generate green power and help you generate profit by selling power to the grid
- On-grid and off-grid capability help you optimize use of your solar panel and generate power at
- Embedded battery bank can help you store power for emergency use and sell power at high price
- Green & safe energy
- Plug & Play
- Warranty: 5 years (battery excluded)

Advanced Home Power Systems

SOL Hybrid 3000

Inverter

Rated Power	3000W
Nominal DC Voltage	360 VDC
Maximum DC Voltage	500 VDC
Start-up Voltage / Initial Feeding Voltage	116 VDC / 150 VDC
MPP Voltage Range	250 VDC - 450 VDC
Maximum Input Current	13A

Grid / Utility Output (AC)

Nominal Output Voltage	208/220/230/240 VAC
Output Voltage Range	184 - 265 VAC
Output Frequency Range	47,5 - 50,2 Hz or 59,3 - 60,5 Hz
Nominal Output Current	13,6 A
Power Factor	> 0,99

AC Input

AC Start-up Voltage	120 - 140 VAC
Auto Restart Voltage	194 VAC
Acceptable Input Voltage Range	184 - 265 VAC
Maximum AC Input Current	20 A

Battery Mode Output (AC)

Nominal Output Voltage	208/220/230/240 VAC
Output Frequency	50 Hz / 60 Hz (Auto Sensing)
Output Waveform	Pure Sine Wave
Efficiency (DC to AC)	92%



Battery & Charger

Nominal DC Voltage	48 VDC
Maximum Charging Current	25 A
Battery Type	170Ah 12V Deep Cycle Gel Battery *4

General

Inverter Dimension	438x480x170mm
Inverter Weight	15.5kg
Battery-box Dimension	TBD
Battery-box Weight	TBD

Interface

Communication Port	RS-232 / USB
Intelligent Slot	Optional SNMP, Modbus and AS-400 cards available

Environment

Humidity	0 - 90% RH (No Condensing)
Operation Temperature	0°C to 40°C
Altitude	0 - 1000m *

* Power derating 1% every 100m when altitude is over 1000m