



SUNPACTM
TRUE GREEN ENERGY

InverPro

InverPro 1500-24 / InverPro 4000-24 / InverPro 6000-48



- InverPro 1500-24
- InverPro 4000-24
- InverPro 6000-48



- Dual outputs for smart load management: There are two outputs available. The second output can be scheduled on/off, setting cut-off voltage or SOC and discharging time via LCD setting. It facilitates users smart load control
- Maximum PV input current increases to 27 A: Designed with 27A PV input current, SUNPAC InverPro is compatible to the market trend of increased Imp in solar panel
- Wide PV input voltage range 60VDC ~ 450VDC: Now, SUNPAC InverPro allows wide PV input voltage range from 60VDC to 450VDC. This features allow less solar panel required in the system and save space

OFF GRID INVERTER

• Supports USB On-the-Go function

InverPro series supports USB On-the-Go function to facilitate data upload/download.



• Battery equalization extends lifecycle

This inverter charger is built in battery equalization function. This function will help remove sulfation to optimize battery performance and even extend lifecycle.



• Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS

This third generation inverter is reserved communication port for BMS. For the detailed information, please contact sales directly.

• Detachable LCD control module with various communications.

This detachable LCD control module can be turned to remote panel. Users can install the LCD panel in accessible area away from inverter up to 20 meters.



• Integrated Bluetooth interface with Android App.

InverPro series is integrated Bluetooth interface ready for mobile monitoring. This technology allows wireless communication up to 6~7m in an open space. Now, *WatchPower* App is available in google store.



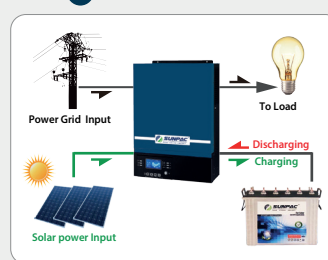
watchpower



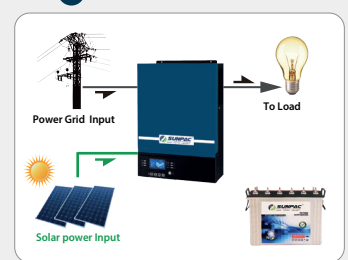
• Battery independency

Inverter can keep supplying power to the loads from PV energy or the grid without battery connected.

1 With battery connected



2 Without battery connected



• User-friendly LCD operation

Users can easily set up or change the charging current, output source and charger source prioritization through LCD control panel to optimize inverter performance.



• Replaceable fan design

InverPro series is designed with replaceable fan. It will simplify the maintenance and reduce the maintenance cost.



InverPro Selection guide

MODEL	InverPro 1500-24	InverPro 4000-24	InverPro 6000-48
Rated power	1500VA/1500W	4000VA/4000W	6000VA/6000W
INPUT			
Voltage	230 VAC		
Selectable voltage range	170 - 280 VAC (For personal computers) 90 - 280 VAC (For home appliances)		
Frequency range	50Hz / 60Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230 VAC ± 10%		
Surge power	3000 VA	8000 VA	12,000 VA
Efficiency (Peak)	90% ~ 93%		
Transfer time	15ms (For personal computers) 20ms (For home appliances)		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	24 VDC		48 VDC
Floating Charge Voltage	27 VDC		54 VDC
Overcharge Protection	33 VDC		63 VDC
SOLAR CHARGER & AC CHARGER			
Solar charger type	MPPT		
Maximum PV array power	2000 W	5000 W	6000 W
MPP Range @ operating voltage	120 ~ 380 VDC	120 ~ 450 VDC	
Maximum PV array open circuit voltage	400 VDC	500 VDC	
Maximum solar charge current	60 A	60 ~ 450 VDC	
Maximum PV Input Current	18 A	27 A	
Maximum AC Charge current	40 A	100 A	
Maximum charge current	60 A	120 A	
DIMENSIONS			
Dimensions D x W x H (mm)	100 x 280 x 390	115 x 300 x 435	
Net Weight (Kgs)	8.5	9	10
Communication interface	USB/ RS232/ RS485/ WIFI/ Dry-contact		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating temperature	- 10 °C to 50 °C		
Storage temperature	- 15 °C to 60 °C		

Product Specifications are subject to change without further notice.