



SUNPACTM
TRUE GREEN ENERGY

InverPro Plus

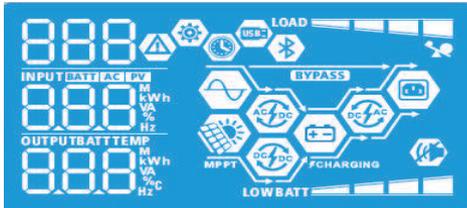
InverPro Plus 8000-48



• InverPro Plus 8000-48



RGB Light Display Panel

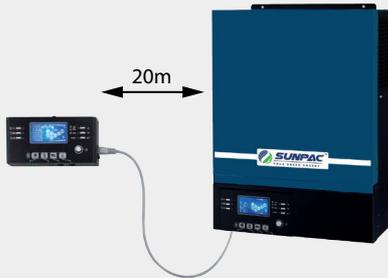


Different color to present output source from PV, Grid or battery and battery charge/discharge status

OFF GRID INVERTER

• 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.



• Built-in WiFi for mobile monitoring (Android/iOS)

InverPro Plus series is integrated WiFi interface ready for mobile monitoring. This technology allows wireless communication as long as you have internet connection. Now, *WatchPower* App is available in google store.



• Supports USB On-the-Go function

InverPro Plus 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.

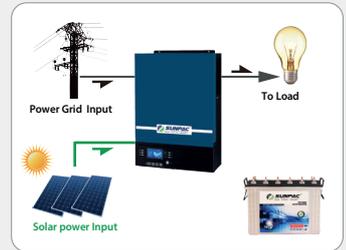
• Battery independency

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.



• Selectable input voltage range for home appliances and personal computers

• Optional DC output for DC (fan, router, light...)

• Parallel operation up to 6 units



• Built-in anti-dust kit

• Replaceable fan design

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



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InverPro Plus Selection guide

MODEL	InverPro Plus 8000-48
Rated power	8000VA/8000W
Parallel Capability	Yes, up to 6 units
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 ± 5%
Surge power	16000 VA
Efficiency (Peak)	90% ~ 93%
Transfer time	15ms (For personal computers) 20ms (For home appliances)
Waveform	Pure sine wave
No load Power Consumption	<70W
DC Voltage (Optional)	12V DC ± 5%100W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Maximum PV array power	8000 W (4000W x 2)
MPP Range @ operating voltage	90 ~ 450 VDC
Maximum PV array open circuit voltage	500 VDC
Maximum solar charge current	120 A
Maximum AC Charge current	120 A
Maximum charge current	120 A
DIMENSIONS	
Dimensions D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (Kgs)	18.4
Communication interface	USB/ RS232/ RS485/ Bluetooth/ 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
STANDARD	
Compliance Safety	CE

Product Specifications are subject to change without further notice.