



SUNPACTM
TRUE GREEN ENERGY

InverPro Plus

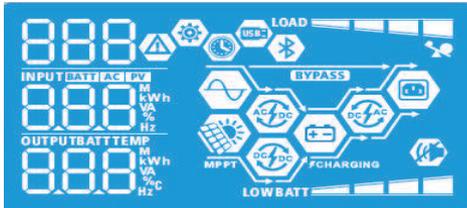
InverPro Plus 8000-48



• 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

• 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.

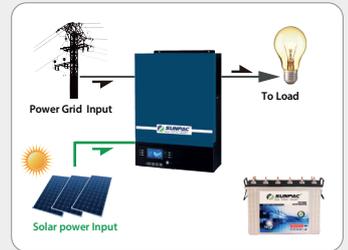
• Battery independency

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

1 With battery connected

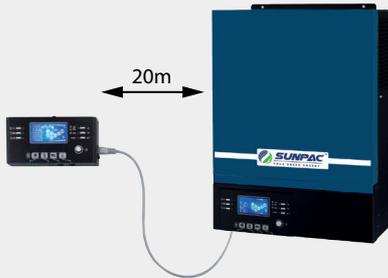


2 Without battery connected



• 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.



• 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.



Head Quarters & Factory - Ghazieh, Sidon, Lebanon Tel: +961 7 220 000 Fax: +961 7 221 754 / 223 322 P.O.Box: 110 Sidon - Email: info@ghaddar.com Beirut Branch - Tel: +961 1 847 770 Fax: +961 1 847 775

UAE - Rich Motor Co. FZE Hamriyah Free Zone, Phase II, Sharjah, UAE - Tel: +971 6 526 9111 Fax: +971 6 526 9431 - P.O.Box: 49353 Sharjah.

Nigeria - 10A Akin Adesola Street, Victoria Island, Lagos - Tel: +234 706 890 9333 - Email: drm@genbriteng.com

Saudi Arabia Rabigh Industrial City, Yanbu Highway, Exit 927, Petro Rabigh Bridge, Rabigh, KSA. Tel: +966 58 373 6543 E-mail: ahmad@ghaddar.com

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.