



SUNPACTM
TRUE GREEN ENERGY



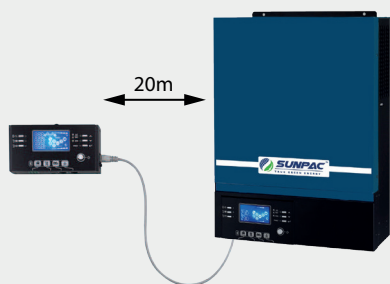
- InverPro Plus 8000-48
- InverPro Plus 11000-48



- 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 90VDC ~ 450VDC: Now, SUNPAC InverPro allows wide PV input voltage range from 90VDC to 450VDC. This features allow less solar panel required in the system and save space

• 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.



InverPro Plus

InverPro Plus 8000-48 / 11000-48

• 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.



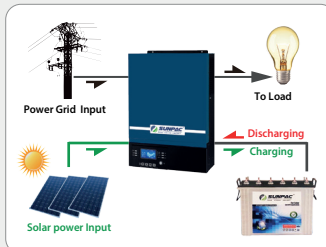
• Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS

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

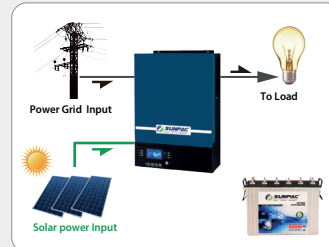
• Battery independency

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.



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	InverPro Plus 11000-48
Rated power	8000VA/8000W	11000VA/11000W
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	22000 VA
Efficiency (Peak)	93%	
Transfer time	10ms (For personal computers) 20ms (For home appliances)	
Waveform	Pure sine wave	
No load Power Consumption	<70W	
DC Voltage (Optional)	12V DC ± 5%100W	N/A
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	66 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar charger type	MPPT	
Maximum PV array power	8000 W (4000W x 2)	11000 W (55000W x 2)
MPP Range @ operating voltage	90 ~ 450 VDC	
Maximum PV array open circuit voltage	500 VDC	
Maximum solar charge current	120 A	150 A
Maximum AC Charge current	120 A	150 A
Maximum charge current	120 A	150 A
Maximum PV Input Current	27A x 2(MAX 40A)	
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/ 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	
STANDARD		
Compliance Safety	CE	

Product Specifications are subject to change without further notice.