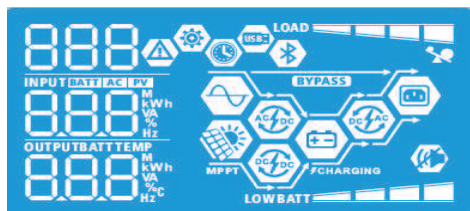




• InverPro Instant 5000-48



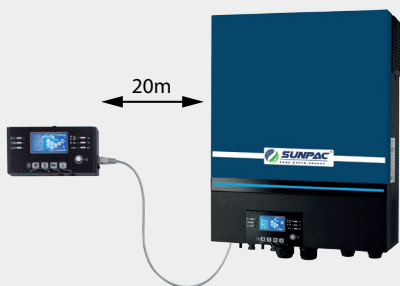
Light Display Panel



Zero (0ms) transfer time to protect mission-critical loads such as servers and ATMs

• 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 Instant 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 Instant 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.



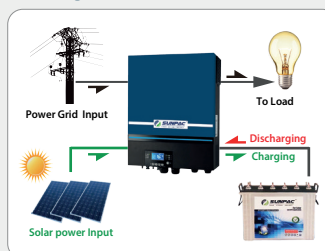
• Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS

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

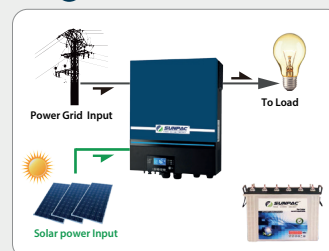
• Battery independency

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.



• High PV input voltage range

• Selectable high power charging current

• Configurable AC/Solar input priority via LCD setting

• Parallel operation up to 9 units



• Built-in anti-dust kit

• Replaceable fan design

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



InverPro Instant Selection guide

MODEL		InverPro Instant 5000-48
Rated power		5000VA/5000W
Parallel Capability		Yes, up to 9 units
INPUT		
Voltage		230 VAC
Selectable voltage range		110 - 280 VAC
Frequency range		50Hz / 60Hz (Auto sensing) $\pm$ 4Hz
Power Factor		$\geq$ 0.98 @ Nominal Voltage (100% Load)
THDi		$\leq$ 10%
OUTPUT		
AC Voltage Regulation (Batt. Mode)		230 VAC $\pm$ 5%
Frequency Range (Synchronized Range)		46 ~ 54 Hz or 56 ~ 64 Hz
Frequency Range (Batt. Mode)		50 Hz $\pm$ 0.1 Hz or 60Hz $\pm$ 0.1 Hz
Harmonic Distortion		$\leq$ 3 % THD (Linear Load); $\leq$ 5 % THD (Non-linear Load)
Waveform		Pure sine wave
Transfer Time AC Mode to Battery Mode		0ms
TransferTime from Inverter to Bypass		4ms (Typical)
EFFICIENCY		
Line Mode		94%
Eco Mode		98%
Battery Mode		92%
BATTERY		
Battery Voltage		40 ~ 62 VDC
Floating Charge Voltage		54 VDC
Overcharge Protection		62 VDC
SOLAR CHARGER & AC CHARGER		
Solar charger type		MPPT
Maximum PV array power		6000 W
MPPT Range @ operating voltage		120 ~ 450 VDC
Maximum PV array open circuit voltage		500 VDC
Maximum solar charge current		100 A
Maximum AC Charge current		100 A
DIMENSIONS		
Dimensions D x W x H (mm)		138.4 x 298 x 467.6
Net Weight (Kgs)		12
Communication interface		USB/ RS232/ RS485/WIFI/ Dry-contact/CAN
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.