

PIP-GK *PF1.0* SERIES

Off-Grid Solar Inverter



MAIN FEATURES

- **NEW! Batteryless Operation Support**
- **NEW! Improved Monitoring Features (Removable USB / RS232, RS485, Bluetooth)**
- **NEW! Removable LCD Control Display (20m)**
- **NEW! Reserved BMS port for Pylontech battery only (select models)**
- Max 3KW, 24V/ 5KW, 48V model
- High frequency pure sine wave design
- High PV Input up to 500V open circuit
- Max 80A MPPT solar charging (up to **5KW PV** max)
- Equalization Charging
- Max charging voltage 31.5V @ 24V, or 61V @ 48V
- Suitable for Off-Grid or with Grid backup
- Generator starter dry contact port
- Programmable parameters on LCD
- Max up to 60A utility charging
- Lightweight, easy to install
- FREE monitoring software
- LCD Display + LED indicators



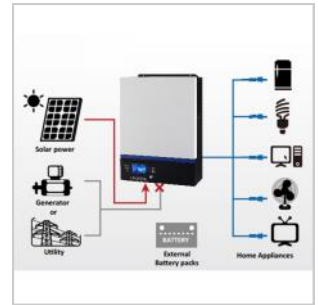
REMOVABLE DISPLAY



MOBILE MONITORING VIA BLUETOOTH



EQUALIZATION CHARGING



BATTERYLESS SUPPORT

PIP-GK SERIES	3024GK	5048GK
ELECTRICAL SPECIFICATION		
Continuous Output	3KW	5KW
Surge Rating	6KVA	10KVA
Input Power Factor	1	
Input Voltage Range	90~280VAC (Appliance), 170~280VAC (UPS)	
Input/Output Frequency	50Hz / 60Hz	
Output Voltage	230VAC±5%	
Output Waveform	Pure Sine Wave	
Output Short Circuit	Circuit Breaker	
Peak Efficiency	93%	
Nominal DC Voltage	24V	48V
Max DC Input	33V	63V
Transfer Time	<10ms (UPS mode), <20ms (Appliance mode)	
Charging Mode	3-stage	
Max AC Charging Current	60A	
Equalization Charge	31.5V	61V
SOLAR CHARGER SPECIFICATIONS		
Charging Algorithm	MPPT	
Max PV Array	4000W	5000W
Max Charging Current	80A	
Max PV Input Voc	500VDC	
MPPT Range	120 - 450VDC	
ENVIRONMENTAL / MECHANICAL SPECIFICATIONS		
Certification	CE	
Communication Interface	Removable USB, RS232/RS485, Bluetooth, Dry Contact	
Operating/Storage Temp.	0°C ~ 50°C / -15°C ~ 60°C	
Operating Humidity	20~90%RH Non-Condensing	
Dimension	400*300*115mm	
Net Weight	11KG	13KG

MPP Solar Inc. reserves the right to change product specification without notice. MPP Solar is a registered trademark.

