

PIP-MK *PF1.0* SERIES

Off-Grid Solar Inverter



MAIN FEATURES

- **NEW! Zero Transfer Time**
- **NEW! Improved Monitoring Features (Removable USB / RS232, RS485, Bluetooth)**
- **NEW! Removable LCD Control Display (20m)**
- **NEW! Reserved BMS port (OEM required)**
- Max 3KW continuous output
- 24Vdc system voltage
- High frequency pure sine wave design
- Max 60A MPPT solar charging (up to 1.5KW PV)
- Max PV input 145V
- Equalization Charging up to 32V
- Max DC input 34V
- 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

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REMOVABLE DISPLAY



MOBILE MONITORING VIA BLUETOOTH



ZERO TRANSFER TIME



PARALLEL SUPPORT

PIP-MK SERIES

3024MK

ELECTRICAL SPECIFICATION

Continuous Output	3KVA/3KW
Parallel Capability	Yes, up to 9 units
Input Power Factor	1
Input Voltage Range	110-280VAC
Input/Output Frequency	50Hz / 60Hz
Output Voltage	230VAC±5%
Output Waveform	Pure Sine Wave
Output Short Circuit	Circuit Breaker
Peak Efficiency	>94% (line mode) / >90% (inverter mode)
Nominal DC Voltage	24V
Max DC Input	34V
Transfer Time	0 ms
Equalization Charge	32V

SOLAR + AC CHARGER SPECIFICATIONS

Charging Algorithm	MPPT
Max Charging Current (PV power)	60A (1.5KW)
Max PV Input Voc	145VDC
MPPT Range	30-115VDC
Max AC Charging Current	60A
Max System Charging	120A

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	10~90%RH Non-Condensing
Dimension	512*300*140mm
Net Weight	12Kg

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

