

MPI-3000VA#24VPVNT

Features:

- High frequency inverter, lighter weight with higher efficiency
- Output power factor PF=1
- lithium battery activation start function with ac and solar mode
- Parallel function to expansion power
- Higher solar charging efficiency and battery protection
- Pure sine wave output, adaptable to different loads
- 500V high PV input
- Optional WIFI function



Technical Specifications

| Model | | MPI-3000VA#24VPVNT | |
|------------------------------------|-----------------------------------|---|---------|
| Input | Phase | L+N+PE | |
| | Nominal Voltage | 220/230/240VAC | |
| | Voltage Range | 90-280VAC±3V (Normal Mode) 170-280VAC±3V (UPS Mode) | |
| | Frequency Range | 50Hz/60Hz(Adaptive) | |
| Output | Rated Power | 3000W | |
| | Output Voltage(AC) | 220/230/240VAC±5% | |
| | Output Frequency | 50/60Hz±0.1% | |
| | Waveform | Pure sine wave | |
| | Transfer Time(Optional) | 10ms for computer , 20ms for home appliances | |
| | Peak power | 6000VA | |
| | Overload | Battery Mode: 10.5s@110%~150% Load 5.5s@150%~200% Load 200ms@>200% Load | |
| | Peak efficiency (battery mode) | >94% | |
| | Battery | Rated voltage | 24Vdc |
| | | Constant voltage charging voltage (Optional) | 28.2Vdc |
| Floating charge voltage (Optional) | | 27Vdc | |
| charger | PV charging method | MPPT | |
| | PV max input power | 3000W | |
| | MPPT tracking range | 40~400Vdc | |
| | Max PV input voltage | 450Vdc | |
| | Max PV charging current | 80A | |
| | Max AC charging current | 60A | |
| Display | Max charging current | 80A | |
| | LCD display | Operating mode/load/input/output, etc. | |
| Communication port | RS232 | 5PIN/Pitch2.0mm, baud rate 2400 | |
| | Expansion & configuration port | 2×5PIN/Pitch2.54mm, lithium battery BMS communication card, WIFI card, dry contact card, etc. | |
| | Parallel interface | No | |
| Environmental parameters | Operating environment temperature | -10~50℃ | |
| | Operating environment humidity | 20%~95% (Non condensing) | |
| | Storage temperature | -15~60℃ | |
| | Altitude Net Weight | The altitude should not exceed 1000m, derating above 1000m, up to 4000m, refer to IEC62040 | |
| | noise | ≤50db | |
| | Dimension Net Weight | 495x312x125MM 6.39 | |

LEAVE POWER FOR MEDAL POWER