



## Features:

- Pure sine wave output.
- DC Start & Automatic Self-Diagnostic Function.
- High Efficiency Design & "Power Saving Mode" to Conserve Energy.
- Auto restart when Ac is recovering.
- Smart battery charger design for optimized battery performance.
- Selectable charging current based on applications.
- Auto Restart Voltage Setting.

## Technical Specifications

**Medal power Inverter  
3000VA**

|                                   |                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Capacity(VA)                      | MPI-3000VA#12VT                                                                                                         |
| Rated Power                       | 2400W                                                                                                                   |
| Voltage(DC)                       | 12V                                                                                                                     |
| Nominal Voltage                   | 220VAC                                                                                                                  |
| Voltage Range                     | 154-265VAC ;185-264VAC ( selectable)                                                                                    |
| Frequency                         | 50-60HZ Auto sensing                                                                                                    |
| Power Factor                      | 0.8                                                                                                                     |
| Voltage                           | 220VAC                                                                                                                  |
| Frequency                         | 50/60HZ                                                                                                                 |
| Waveform                          | Pure Sine Wave                                                                                                          |
| Transfer Time (AC to DC)          | <8ms                                                                                                                    |
| Transfer Time (DC to AC)          | <8ms                                                                                                                    |
| Output Voltage Regulation         | ±10%                                                                                                                    |
| Bypass Mode                       | Yes                                                                                                                     |
| Saver Mode                        | Yes                                                                                                                     |
| Efficiency                        | >98%                                                                                                                    |
| Input Protection                  | Circuit Breaker                                                                                                         |
| Output Protection                 | Circuit Breaker                                                                                                         |
| Battery Type                      | VRLA / GEL /GEL DEEP CYCLE/ LITHIUM                                                                                     |
| Charging Current                  | 60A                                                                                                                     |
| Low Level disconnect (Selectable) | 10V -11V                                                                                                                |
| LCD indicator status              | AC input voltage/input frequency, PV voltage, PV current , Output Voltage/Frequency, Battery voltage, Load current etc. |
| LED indicator status              | AC Line In:Green/Inverter:Red/Charging :Yellow/Alarm :Red                                                               |
| LOW battery alarm                 | Audible alarm-5 seconds beeping                                                                                         |
| Overload alarm                    | Audible alarm- continuous beeping                                                                                       |
| Fault                             | Audible alarm- continuous beeping                                                                                       |
| Temperature                       | 0-60℃                                                                                                                   |
| Humidity                          | —10℃~90℃ Non condensing                                                                                                 |
| Accoustic Noise(db)               | >55dB                                                                                                                   |

LEAVE POWER FOR MEDAL POWER