

250W GRID TIE INVERTER



Feature:

- ◇ Perfect Pure Sine Wave Output Form
- ◇ DSP chip controlled
- ◇ High efficiency by using advanced IGBT
- ◇ High utilization of solar energy by using MPPT (Maximum Power Point Tracking) technology
- ◇ Aluminum radiator to guarantee long-term heat dissipation
- ◇ Perfect protection functions
- ◇ Protection of wrong polarity connection to avoid the damages by incorrect operation
- ◇ Full power output under harsh circumstance
- ◇ Anti-Islanding Protection
- ◇ Stackable (connect in parallel for higher output)
- ◇ Simple and safe installation

Performance Parameter:

| Model | | JP-250G-241 | JP-250G-481 | JP-250G-242 | JP-250G-482 |
|-----------------------------------|---------------------------|--------------------------------------|-------------|-------------|-------------|
| Power of solar panels recommended | | 300Wp | | | |
| Input | MPPT voltage range | DC 10.8~30V | DC 22~60V | DC 10.8~30V | DC 22~60V |
| Output | Normal AC Output Power | 250W | | | |
| | Maximum AC Output Power | 300W | | | |
| | AC Output Voltage Range | 90V ~ 130V | | 190V ~ 260V | |
| | Frequency | 46Hz ~ 65Hz | | | |
| | Phase | Single phase | | | |
| | Power factor | 0.99 | | | |
| | Max current | 2.3A | | 1.2A | |
| | THD | At rated power and the sine wave <5% | | | |
| | Efficiency | 92% | | | |
| | Standby power consumption | <0.5W | | | |
| Structure | Cooling method | Cooling Fan | | | |
| | Noice | <30dB | | | |

| | | |
|-------------|-----------------------------|--|
| Protection | Inverter | Input over voltage, output short circuit, overload overheat |
| | Grid | Anti-islanding, over/under voltage of grid, over/under frequency of grid |
| | Input reverse connection | Alarm |
| Environment | Operation temperature range | -25℃~40℃ (50℃) |
| | Stored temperature | -30℃~60℃ |
| | Relative humidity | 0~99% |
| | Environment | Have no corrosion gas, flammable gas, oil mist, dust etc. |
| | Waterproof | Indoor Type Design, Non-waterproof |
| | Elevation | 6600feet (2000m) |
| Size | W*H*D | 220*170*60mm |
| Weight | KG | 1.3kg |