

# Off Grid series

## Pure Sine Wave Inverter



### Features:

- Input & output fully isolation
- Adoption of advanced SPWM technology, pure sine wave output
- Wide DC input voltage range
- Low output harmonic distortion (THD≤3%)
- LED Indicators For Normal Output & Failure State

|          |           |           |          |          |          |
|----------|-----------|-----------|----------|----------|----------|
|          |           |           |          |          |          |
| <b>A</b> | <b>B</b>  | <b>C</b>  | <b>D</b> | <b>E</b> | <b>F</b> |
| USA      | AUSTRALIA | UNIVERSAL | U.K      | FRANCE   | GERMANY  |

| Model      |                          | TEP-300W  | TEP-500W   | TEP-600W   | TEP-800W   | TEP-1000W  |
|------------|--------------------------|---|------------|------------|------------|------------|
| Output     | Rated Power              | 300W  | 500W       | 600W       | 800W       | 1000W      |
|            | AC Voltage               | 100V or 110V or 120V or 220V or 230V or 240VAC  |            |            |            |            |
|            | Peak Power               | 600W  | 1000W      | 1200W      | 1600W      | 2000W      |
|            | Waveform                 | Pure Sine Wave (THD≤3%)                         |            |            |            |            |
|            | Frequency                | 50Hz or 60Hz(±2%)                               |            |            |            |            |
|            | Standard Receptacles     | USA or UK or Australia or Universal             |            |            |            |            |
| Input      | No Load Current Draw     | <0.4A   | <0.5A      | <0.5A      | <0.6A      | <0.7A      |
|            | DC Voltage               | 12V or 24V or 48V DC                            |            |            |            |            |
|            | Voltage Range            | 10.5V~15V or 21V~30V or 42V~60V DC              |            |            |            |            |
|            | Efficiency(Typ.)         | 88~92%  |            |            |            |            |
| Protection | Bat. Low Alarm           | 10.5V or 21V or 42V                             |            |            |            |            |
|            | Bat. Low Shutdown        | 10V or 20V or 40V                               |            |            |            |            |
|            | Over Load                | Shut off output voltage, re-power on to recover |            |            |            |            |
|            | Over Voltage             | 15.5V or 31V or 62V DC                          |            |            |            |            |
|            | Input Reverse Connection | Fuse burn-out                                   |            |            |            |            |
| Others     | Working Temperature      | -5 °C ~ 50°C                                    |            |            |            |            |
|            | Work Humidity            | 20%~90% RH non-condensing                       |            |            |            |            |
|            | Dimension (Lx W x H)mm   | 205x118x62                                      | 225x118x62 | 225x118x62 | 245x140x72 | 275x140x72 |
|            | N.W.                     | 1.5Kg   | 1.8Kg      | 1.9Kg      | 2.5Kg      | 3.2Kg      |