

| <b>300W 12V PSW INVERTER</b>      |                               | <b>300W 12V PSW</b>                              | <b>300W 24V PSW</b> | <b>300W 48V PSW</b> |
|-----------------------------------|-------------------------------|--|---------------------|---------------------|
| <b>AC Output</b>                  | Continuous power:             | 300W   |                     |                     |
|                                   | Surge power:                  | 600W   |                     |                     |
|                                   | Max Constant Power Start :    | 360W for 10 seconds                              |                     |                     |
|                                   | Output Waveform               | Pure Sine Wave (THD < 3%)                        |                     |                     |
|                                   | Output Frequency              | 50Hz±0.1% or 60Hz±0.1% (Optional)                |                     |                     |
|                                   | AC Output Voltage             | 100~120VAC / 200~240VAC (Optional)               |                     |                     |
| <b>DC Input</b>                   | DC Input Voltage              | 12V DC   | 24V DC              | 48V DC              |
|                                   | Voltage Range                 | 10V-15V  | 20V-30V             | 40V-60V             |
|                                   | Low Voltage Alarm             | 10.5V± 0.5V                                      | 21V±1V              | 42V±2V              |
|                                   | Low Voltage Shut down         | 10V±0.5V   | 20V±1V              | 40V±2V              |
|                                   | Over Voltage Shut down        | 15V±0.5V   | 30V±1V              | 60V±2V              |
|                                   | Over load shut down           | 360W over 10 seconds                             |                     |                     |
| <b>Converting Max. Efficiency</b> |                               | 90% (Full Loading) / 95% (1/3 Loading)           |                     |                     |
| <b>No Load Consumption</b>        |                               | < 0.3A   |                     |                     |
| <b>Protection</b>                 | Over Thermal:                 | Shut Off Output Automatically, Temperature >75°C |                     |                     |
|                                   | Short circuit protection:     | Reverse Polarity (External Fuse)                 |                     |                     |
|                                   | Cooling Fan automatically run | Temperature ≥45°C                                |                     |                     |
| <b>Environment</b>                | Working temperature           | -10°C ~ +50°C                                    |                     |                     |
|                                   | Working humidity              | 20% ~ 90% RH Non-Condensing                      |                     |                     |
|                                   | Storage Temperature Range     | -30°C ~ +70°C                                    |                     |                     |
| <b>LED Indicator Light</b>        |                               | Inverter, Fault                                  |                     |                     |
| <b>Packing</b>                    | Inner Box Dimensions (mm)     | 255 * 190 * 90 mm                                |                     | 12 pcs /Carton      |
|                                   | Inner Box Weight (kg)         | 1.2 kg   |                     |                     |
|                                   | Carton Dimensions (mm)        | 540 * 420 * 300 mm                               |                     |                     |
|                                   | Carton Weight (kg)            | 16.5 kg  |                     |                     |