

|             |                               |  |
|-------------|-------------------------------|--|
| Description | Model                         | WH-B2430   |
|             | Rated Output Power(W)         | 720W   |
|             | Rated Input Voltage(V)        | 12VDC  |
|             | Rated Output Voltage(V)       | 24VDC  |
| Input       | Voltage range (V)             | 10V-16VDC  |
|             | Starting Voltage (V)          | 10VDC 100% load  |
|             | No-load Power consumption (W) | < 0.5W   |
|             | Efficiency                    | 94%  |
| Output      | Voltage (V)                   | VOUT:24VDC   |
|             | Current (A)                   | 30A  |
|             | Voltage tolerance             | 1.5%   |
|             | Load Regulation               | 3%   |
|             | Wave (mvp-p)                  | <300mv External 22UF capacitor ESR < 0.1 Ω 100KHZ  |
| Protection  | Over current protection       | In the case of rated output, if the rated current is greater than 120%, the overcurrent protection will act, and it will automatically recover after the overcurrent disappears. |
|             | Short Circuit Protection      | Input must add 120A fuse   |
| Insulation  | Input—Output                  | non-isolated   |
|             | Waterproof                    | Fully sealed and waterproof  |
| Others      | Dimension                     | 150*127*63mm N.W. : 1800g  |
|             | Cooling Method                | Natural Method   |
|             | Rated temperature rise (°C)   | 45°C   |
|             | Reliability                   | > 100000h  |
|             | terminal Indicator            | Input Positive 12V GND Input/Output<br>Negative Output Positive 24V  |

### PIC and Installation Dimensions

