



## WH-B124830 DC-DC转换器

### WH-B124830 Series DC DC converter

#### Summary

- > 额定输出：功率 1440W  
Rated output: power 1440W
- > 输入电压：12VDC  
Input voltage: 12VDC



#### General specification

220 × 127 × 63mm

| Specification                      | Model | WH-B124830                                                                                                                                                                                                                               |
|------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 额定输出功率<br>Rated output power       |       | 1440W                                                                                                                                                                                                                                    |
| 额定输入电压<br>Rated input voltage      |       | 12VDC                                                                                                                                                                                                                                    |
| 额定输出电压<br>Rated output voltage     |       | 48VDC                                                                                                                                                                                                                                    |
| 电压<br>Voltage range                |       | 10V-32VDC                                                                                                                                                                                                                                |
| 启动电压<br>Starting voltage           |       | 10VDC 100%负载 Load                                                                                                                                                                                                                        |
| 空载功耗<br>No-load power consumption  |       | < 0.4W                                                                                                                                                                                                                                   |
| 效率<br>Efficiency                   |       | 94%                                                                                                                                                                                                                                      |
| 电压<br>Voltage                      |       | 48VDC                                                                                                                                                                                                                                    |
| 电流<br>Current                      |       | 30A                                                                                                                                                                                                                                      |
| 电压调整率<br>Voltage tolerance         |       | 1%                                                                                                                                                                                                                                       |
| 负载调整率<br>Load regulation           |       | 3%                                                                                                                                                                                                                                       |
| 纹波电压<br>Wave(mvp-p)                |       | 350mv 外接22UF 电容 ESR<0.1Ω 100KHZ<br>350mv External 22UF capacitor ESR < 0.1 Ω 100KHZ                                                                                                                                                      |
| 过流保护<br>Over current protection    |       | 在额定输出的情况下，大于额定电流200%，过电流保护将起作用，过电流消失后，它将自动恢复。<br>In the case of rated output, if the current exceeds 200% of the rated current, the overcurrent protection will act, and it will automatically recover after the overcurrent disappears. |
| 输出短路保护<br>Short circuit protection |       | 输入需加 200A 保险丝<br>Input requires adding a 200A fuse                                                                                                                                                                                       |
| 输入—输出<br>Input—output              |       | 非隔离 Non-isolated                                                                                                                                                                                                                         |
| 防水<br>Waterproof                   |       | 全密封防水 Fully sealed and waterproof                                                                                                                                                                                                        |
| 尺寸<br>Dimension                    |       | 220×150×30mm                                                                                                                                                                                                                             |
| 重量<br>N.W.                         |       | 2200g                                                                                                                                                                                                                                    |
| 冷却方式<br>Cooling method             |       | 自然冷却 Natural Method                                                                                                                                                                                                                      |
| 额定值温升<br>Rated temperature rise    |       | 45℃                                                                                                                                                                                                                                      |
| 可靠性<br>Reliability                 |       | > 100000h                                                                                                                                                                                                                                |
| 接线说明<br>Wire indicator             |       | INPUT 输入正 12V GND 输入 负 GND 输出 负 OUTPUT 输出正 48V<br>INPUT input positive 12V GND input negative GND output negative OUTPUT output positive 48V                                                                                             |

#### PIC和安装尺寸

#### PIC and installation dimensions

