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Find the *Etasis EFRP-465* at our website: ***Click HERE***

# EFRP-465

## 460W Output Redundant Power Module

### Features:

5 Output Rails

0~50℃ Working Temperature

Designed for storage application



**EFRP-465**

### General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: ≥65% at typical load
- Hold Up Time: 16ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25℃
- Operating Temperature: 0 to 50 ℃
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, CCC, TUV, CB, BSMI

### Input and Output Characteristics

| Input | | | DC Output | | | | | |
|---|---|---|---|---|---|---|---|---|
| Voltage | Frequency | Current | Load | +3.3V | +5V | +12V | -12V | +5VSB |
| 100~240 VAC | 47~63Hz | 8-4A | Max.Load | 30A | 32A | 32A | 1A | 2A |
| | | | Min.Load | 0A | 1A | 2A | 0A | 0A |

1. The +5 &+3.3 Volt total output shall not exceed 200W
2. The +5 ,+3.3 &12Volt total output shall not exceed 440W
3. Noise bandwidth is from DC to 20 MHz.

### Ripple and Noise

| Output | +3.3V | +5V | +12V | -12V | 5Vsb |
|---|---|---|---|---|---|
| Load Regulation | ± 5.4% | ± 5% | ± 5% | ± 10% | ± 5% |
| Line Regulation | ± 1% | ± 1% | ± 1% | ± 1% | ± 1% |
| Ripple & Noise | 50mV | 50mV | 120mV | 120mV | 50mV |

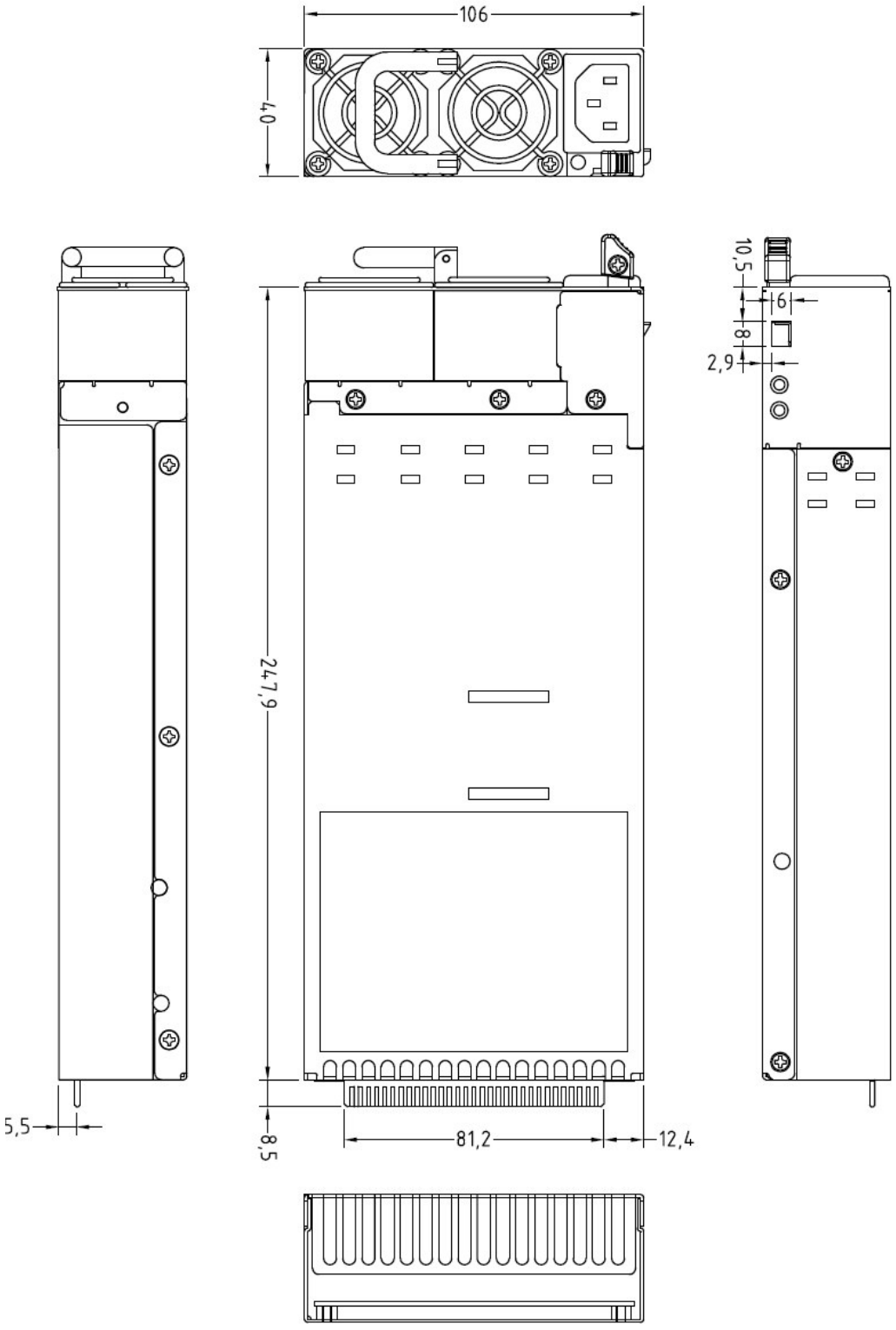
Our website >>>
www.etasis.com.tw

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## Mechanical

Outline Dimension: 106x40x247.9(mm)

## Outline Drawing




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