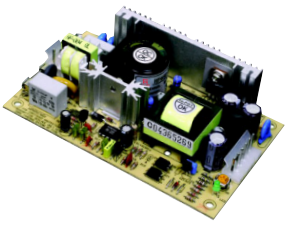
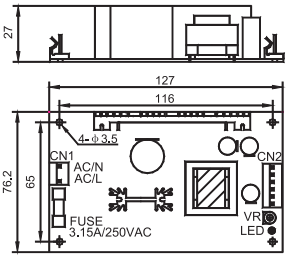
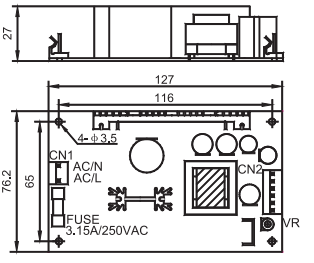
# 45W 1~3 Output Open Frame Series

- Universal AC input / full range
- High reliability
- Miniature PCB structure
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ over voltage/ short circuit
- Free air cooling convection
- 2 years warranty
- 127 x 76.2 x 27(mm)








| | |
|---|---|
| AC input voltage range | 85~264VAC (120~370VDC) |
| Inrush current | cold start, 20A/115V, 40A/230V |
| Input leakage current | ＜0.5mA/ 230VAC |
| Line regulation (full load) | ≤±0.5% |
| Load regulation | $V_1$: ≤± 1%, $V_2$,$V_3$: ≤± 6% |
| Output voltage adjust range | single output: ± 10%, multi-output: $V_1$: ± 5% |
| Output overload protection | 110~150%, hiccup mode, auto recovery |
| Output over voltage protection | 115~150% |
| Withstand voltage | I/P -O/P: 3.0KVAC/1min<br>I/P -F/G: 1.5KVAC/1min<br>O/P-F/G: 0.5KVAC/1min |
| Rise, Hold up time | 50ms, 20ms@full load (typical) |
| Operating temp. & humidity | -10℃~+50℃, 20%~93%RH (non condensing) |
| Storage temp. & humidity | -20℃~+85℃, 20%~95%RH (non condensing) |
| Safety standards | meet GB4943, UL60950, EN60950 |
| EMC standards | meet GB9254, EN55022 classB, EN61000 |
| Connection | 2P, 4P/ 3.96mm pitch, 1~2 outputs<br>2P, 6P/ 3.96mm pitch, 3 outputs |

## Single Output

| Model | DC Output | | Load regul. | R&N | Efficiency |
|---|---|---|---|---|---|
| NO45W-SPL-5 | 5V | 8.0A | 0.5% | 80mV | 76% |
| NO45W-SPL-12 | 12V | 3.7A | 0.5% | 100mV | 79% |
| NO45W-SPL-24 | 24V | 1.9A | 0.5% | 120mV | 82% |
| NO45W-SPL-48 | 48V | 1.0A | 0.5% | 150mV | 83% |

* 3~48VDC output all available.

## Dual Output

| Model | DC Output | | R&N | Efficiency |
|---|---|---|---|---|
| NO45W-DPL-A | 5V | 0.4~5.0A | 50mV | 77% |
| | 12V | 0.2~2.5A | 120mV | |
| NO45W-DPL- B | 5V | 0.4~5.0A | 50mV | 78% |
| | 24V | 0.2~1.8A | 150mV | |

## Triple Output

| Model | DC Output | | R&N | Efficiency |
|---|---|---|---|---|
| NO45W-TPL-A | 5V | 0.4~5.0A | 50mV | 75% |
| | 12V | 0.2~2.5A | 120mV | |
| | -5V | 0.0~0.5A | 50mV | |
| NO45W-TPL-B | 5V | 0.4~5.0A | 50mV | 75% |
| | 12V | 0.2~2.5A | 120mV | |
| | -12V | 0.0~0.5A | 100mV | |
| NO45W-TPL-C | 5V | 0.4~5.0A | 50mV | 75% |
| | 15V | 0.2~2.3A | 120mV | |
| | -15V | 0.0~0.5A | 100mV | |