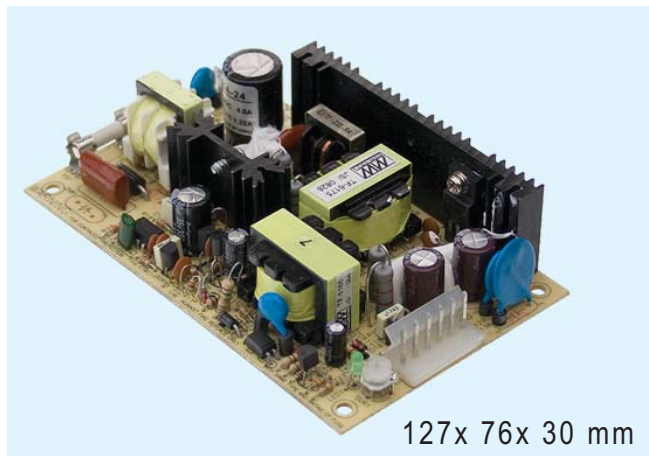


# 45W Single Output DC-DC Converter

**CB CE**



127x 76x 30 mm

- 2:1 wide input range
- Protections: Short circuit / Overload / Over voltage / Reverse polarity
- Cooling by free air convection
- Built-in EMI filter, low ripple noise
- 100% full load burn-in test
- Fixed switching frequency at 96kHz
- Low cost
- 2 years warranty

DC adjustment range ..... 5V: 4.5~5.5V, 12V: 10.8~13.2V,  
24V: 21.6~26.4V

Line and load regulation ....  $\pm 1\%$  (max.)

Overload protection ..... 105%~160% shut down, re-power on to recover

Over voltage protection ..... 115%~135% rated output voltage

Withstand voltage ..... I/P-O/P: 1.5kVAC, I/P-FG: 1.5kVAC, 1 minute

Working temperature ..... -10~60°C (refer to output derating curve)

Safety standards ..... EN60950-1 CB approved by TUV

EMC standards ..... EN55022 class B, EN61000-4-2,3,4,6,8, EN55024

Connection ..... 2P, 6P / 3.96mm pitch, Molex 5277-02, 5273-06

Packing ..... 0.19kg ; 72pcs / 15.6kg / 1.35CUFT

Model No.	Input	Output	R&N	Effi.
PSD-45A-05	9.2~18V	5V, 0~6.0A	100mV	74%
PSD-45A-12	9.2~18V	12V, 0~2.5A	120mV	79%
PSD-45A-24	9.2~18V	24V, 0~1.25A	150mV	80%
PSD-45B-05	18~36V	5V, 0~9.0A	100mV	77%
PSD-45B-12	18~36V	12V, 0~3.75A	120mV	82%
PSD-45B-24	18~36V	24V, 0~1.875A	150mV	85%
PSD-45C-05	37~72V	5V, 0~9.0A	100mV	80%
PSD-45C-12	37~72V	12V, 0~3.75A	120mV	83%
PSD-45C-24	37~72V	24V, 0~1.875A	150mV	86%