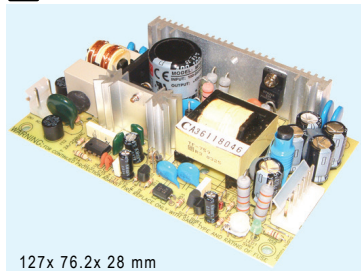
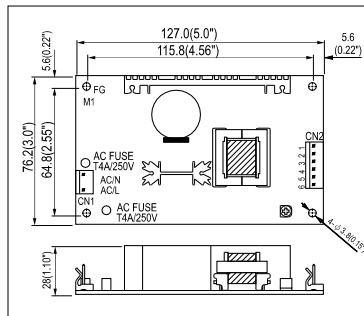


# 45W 1~3 Output Medical Type

- Universal AC input / Full range
- Medical safety approved
- Protections: Short circuit / Overload / Over voltage
- Low leakage current  $\leq 0.3\text{mA}$
- Approvals: UL / CUL / TUV / CB / CE
- Fixed switching frequency at 45KHz
- 100% full load burn-in test
- 3 years warranty



127x 76.2x 28 mm



- AC input voltage range ..... 90~264VAC; 120~370VDC
- AC inrush current ..... Cold start, 20A at 115VAC, 40A at 230VAC
- DC adjustment range ..... CH1:  $\pm 10\%$  rated output voltage
- Overload protection ..... 53~75W hiccup mode, auto-recovery
- Over voltage protection ..... CH1: 115%~135% rated output voltage
- Leakage current ..... Less than 0.3mA at 264VAC
- Setup, rise, hold up time ..... 800ms, 30ms, 20ms at full load and 230VAC
- Withstand voltage ..... I/P - O/P: 4KVAC, I/P - FG: 1.5KVAC, 1 minute
- Working temperature ..... -10~60°C (refer to output derating curve)
- Safety standards ..... UL2601-1, TUV EN60601-1, IEC601-1 approved
- EMC standards ..... EN55011 class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, EN60601-1-2, ENV50204
- Connection ..... 2P,6P/ 3.96mm pitch, Molex P/N: 5277-02,5273-06
- Packing ..... 0.18kg ; 72pcs/ 15.1kg / 1.35CUFT (MPS-45)  
0.20kg ; 72pcs/ 17.4kg / 1.35CUFT (MPD-45)  
0.21kg ; 72pcs/ 18.0kg / 1.35CUFT (MPT-45)

## Single output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12381	MPS-45-3.3	3.3V, 8.0A	$\pm 3\%$	80mV	65%
12382	MPS-45-5	5V, 8.0A	$\pm 3\%$	100mV	72%
12383	MPS-45-7.5	7.5V, 5.4A	$\pm 3\%$	100mV	75%
12384	MPS-45-12	12V, 3.7A	$\pm 2\%$	100mV	76%
12385	MPS-45-13.5	13.5V, 3.3A	$\pm 2\%$	100mV	76%
12386	MPS-45-15	15V, 3.0A	$\pm 2\%$	100mV	77%
12387	MPS-45-24	24V, 1.9A	$\pm 2\%$	100mV	78%
12388	MPS-45-27	27V, 1.7A	$\pm 2\%$	100mV	78%
12389	MPS-45-48	48V, 1.0A	$\pm 2\%$	100mV	78%

## Dual output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12401	MPD-45A	5V, 0.4~5.0A	$\pm 4\%$	60mV	76%	40W
		12V, 0.2~2.5A	$\pm 7\%$	120mV		
12402	MPD-45B	5V, 0.4~5.0A	$\pm 4\%$	60mV	78%	45W
		24V, 0.2~1.8A	$\pm 7\%$	150mV		

## Triple output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12411	MPT-45A	5V, 0.4~5.0A	$\pm 4\%$	60mV	73%	41W
		12V, 0.2~2.5A	$\pm 7\%$	120mV		
		-5V, 0.0~0.5A	$\pm 5\%$	60mV		
12412	MPT-45B	5V, 0.4~5.0A	$\pm 4\%$	60mV	75%	43W
		12V, 0.2~2.5A	$\pm 7\%$	120mV		
		-12V, 0.0~0.5A	$\pm 5\%$	100mV		
12413	MPT-45C	5V, 0.4~5.0A	$\pm 4\%$	60mV	75%	44W
		15V, 0.2~2.3A	$\pm 7\%$	120mV		
		-15V, 0.0~0.5A	$\pm 5\%$	100mV		