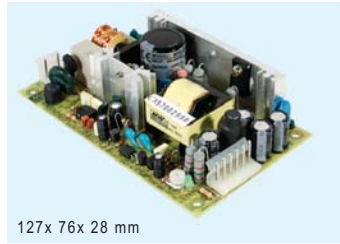
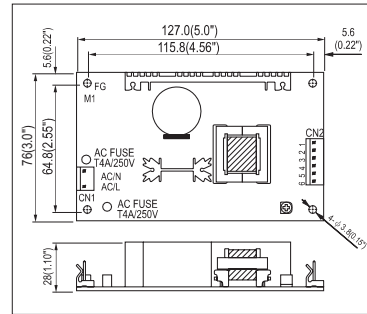


## 45W 1~3 Output Medical Type

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



127x 76x 28 mm



- AC input voltage range .... 90~264VAC; 120~370VDC
- AC inrush current ..... Cold start, 17A at 115VAC, 35A at 230VAC
- DC adjustment range ..... CH1: ±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, 50ms at full load and 230VAC
- Withstand voltage ..... I/P - O/P: 4kVAC, I/P - FG: 1.5kVAC, 1 minute
- Working temperature ..... -10°C~60°C (refer to output derating curve)
- Safety standards ..... UL2601-1, TUV EN60601-1, IEC60601-1 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

Model No.	Output	Tol.	R&N	Effi.
MPS-45-3.3	3.3V, 0~8.0A	±3%	80mV	65%
MPS-45-5	5V, 0~8.0A	±3%	100mV	72%
MPS-45-7.5	7.5V, 0~5.4A	±3%	100mV	75%
MPS-45-12	12V, 0~3.7A	±2%	100mV	76%
MPS-45-13.5	13.5V, 0~3.3A	±2%	100mV	76%
MPS-45-15	15V, 0~3.0A	±2%	100mV	77%
MPS-45-24	24V, 0~1.9A	±2%	100mV	78%
MPS-45-27	27V, 0~1.7A	±2%	100mV	78%
MPS-45-48	48V, 0~1.0A	±2%	100mV	78%

### ❖ Dual Output

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

### ❖ Triple Output

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