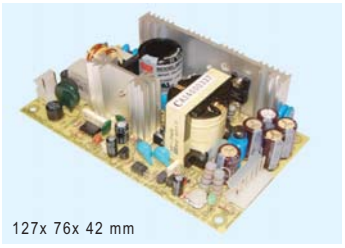
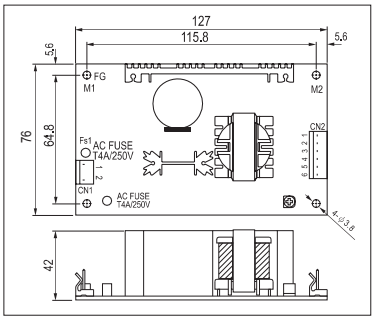
65W 1~3 Output Medical Type

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





AC input voltage range .... 90~264VAC; 127~370VDC
AC inrush current ..... Cold start, 17A at 115VAC, 35A at 230VAC
DC adjustment range ..... CH1: ±10% rated output voltage
Overload protection ..... 73%~105% 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 ..... -10ºC~ +60ºC (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: 5277-02, 5273-06
Packing ..... 0.23kg ; 54pcs/ 14.6kg / 1.35CUFT (MPS-65)
0.25kg ; 54pcs/ 16.0kg / 1.35CUFT (MPD-65)
0.27kg ; 54pcs/ 16.8kg / 1.35CUFT (MPT-65)

❖ Single Output

Model No.	Output	Tol.	R&N	Effi.
MPS-65-3.3	3.3V, 0~12A	±3%	80mV	66%
MPS-65-5	5V, 0~12A	±3%	100mV	74%
MPS-65-7.5	7.5V, 0~8.0A	±3%	100mV	76%
MPS-65-12	12V, 0~5.2A	±2%	100mV	77%
MPS-65-13.5	13.5V, 0~4.7A	±2%	100mV	78%
MPS-65-15	15V, 0~4.2A	±2%	100mV	79%
MPS-65-24	24V, 0~2.7A	±2%	100mV	80%
MPS-65-27	27V, 0~2.4A	±2%	100mV	80%
MPS-65-48	48V, 0~1.35A	±2%	100mV	80%

❖ Dual Output

Model No.	Output	Tol.	R&N	Effi.	Max.
MPD-65A	5V, 0.4~7.0A	±4%	60mV	75%	61W
	12V, 0.2~3.2A	±7%	150mV		
MPD-65B	5V, 0.4~6.0A	±4%	60mV	78%	66W
	24V, 0.2~2.6A	±7%	150mV		

❖ Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
MPT-65A	5V, 0.4~7.0A	±4%	60mV	74%	60W
	12V, 0.2~3.2A	+10%,-7%	120mV		
	-5V, 0.0~0.7A	±5%	60mV		
MPT-65B	5V, 0.4~7.0A	±4%	60mV	74%	64W
	12V, 0.2~3.2A	+10%,-7%	160mV		
	-12V, 0.0~0.7A	±5%	100mV		
MPT-65C	5V, 0.4~7.0A	±4%	60mV	74%	65W
	15V, 0.2~2.6A	+10%,-7%	180mV		
	-15V, 0.0~0.7A	±5%	100mV		