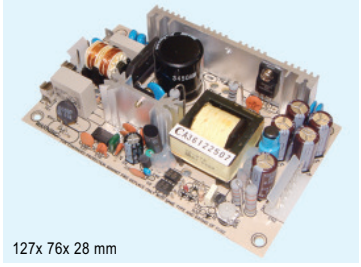
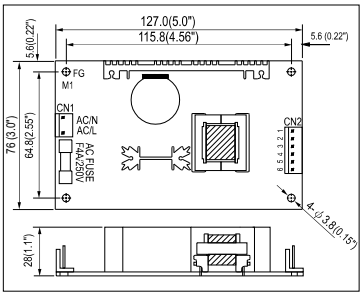
45W 1~3 Output Switching Power Supply

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Approvals: UL / CUL / TUV / CB / CE
- Fixed switching frequency at 65KHz
- Low leakage current <0.5mA
- 100% full load burn-in test
- Low cost, high reliability
- 2 years warranty





AC input voltage range	90~264VAC; 120~370VDC
AC inrush current	Cold start, 15A at 115VAC, 30A at 230VAC
DC adjustment range	CH1: -5~+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 0.5mA at 240VAC
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG:1.5KVAC, 1minute
Working temperature	-10~60°C (refer to output derating curve)
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204
Connection	2P, 6P/ 3.96mm pitch, Molex P/N: 5277-02, 5273-06
Packing	0.19kg ; 72pcs / 15.6kg / 1.35CUFT(PS-45) 0.20kg ; 72pcs / 16.0kg / 1.35CUFT(PD-45) 0.21kg ; 72pcs / 17.0kg / 1.35CUFT(PT-45)

✧Single output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12011	PS-45-3.3	3.3V, 8.0A	±3%	80mV	69%
12012	PS-45-5	5V, 8.0A	±3%	100mV	74%
12013	PS-45-7.5	7.5V, 5.4A	±3%	100mV	75%
12014	PS-45-12	12V, 3.7A	±2%	100mV	76%
12015	PS-45-13.5	13.5V, 3.3A	±2%	100mV	77%
12016	PS-45-15	15V, 3.0A	±2%	100mV	77%
12017	PS-45-24	24V, 1.9A	±2%	100mV	78%
12018	PS-45-27	27V, 1.7A	±2%	100mV	78%
12019	PS-45-48	48V, 1.0A	±2%	100mV	78%

✧Dual output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12041	PD-45A	5V, 0.4~5.0A	±4%	50mV	77%	40W
		12V, 0.2~2.5A	±7%	120mV		
12042	PD-45B	5V, 0.4~5.0A	±4%	50mV	78%	45W
		24V, 0.2~1.8A	±7%	150mV		

✧Triple output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12061	PT-45A	5V, 0.4~5.0A	±4%	50mV	75%	41W
		12V, 0.2~2.5A	±7%	120mV		
		-5V, 0.0~0.5A	±5%	50mV		
12062	PT-45B	5V, 0.4~5.0A	±4%	50mV	75%	43W
		12V, 0.2~2.5A	±7%	120mV		
		-12V, 0.0~0.5A	±5%	100mV		
12063	PT-45C	5V, 0.4~5.0A	±4%	50mV	75%	44W
		15V, 0.2~2.3A	±7%	120mV		
		-15V, 0.0~0.5A	±5%	100mV		