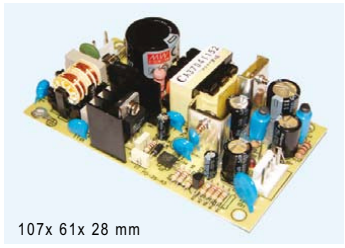
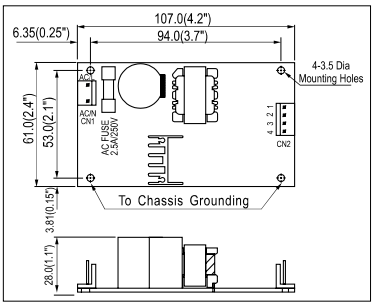
25W 1~2 Output Switching Power Supply

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





AC input voltage range ..... 85~264VAC; 120~370VDC
AC inrush current ..... Cold start, 36A at 230VAC
Overload protection ..... >105% hiccup mode, auto-recovery
Over voltage protection ..... 115%~135% rated output voltage
Over temp. protection ..... U1, Tj:135°C, power shutdown
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
Connection ..... 3P, 4P/ 3.96mm pitch, Molex P/N: 41791-03, 04
Packing ..... 0.14kg ; 96pcs / 15.0kg / 1.30CUFT(PS-25)
0.15kg ; 96pcs / 15.9kg / 1.30CUFT(PD-25)
0.13kg ; 96pcs / 15.4kg / 1.30CUFT(PD-2503)

❖ Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12001	PS-25-3.3	3.3V, 0~5.0A	±3%	80mV	66%
12002	PS-25-5	5V, 0~5.0A	±2%	80mV	74%
12003	PS-25-7.5	7.5V, 0~3.3A	±2%	80mV	76%
12004	PS-25-12	12V, 0~2.1A	±2%	100mV	78%
12025	PS-25-13.5	13.5V, 0~1.9A	±2%	100mV	78%
12006	PS-25-15	15V, 0~1.7A	±2%	100mV	78%
12007	PS-25-24	24V, 0~1.0A	±2%	240mV	79%
12008	PS-25-27	27V, 0~0.9A	±2%	240mV	79%
12009	PS-25-48	48V, 0~0.5A	±2%	350mV	79%

❖ Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12031	PD-25A	5V, 0.2~2.5A	±2%	50mV	71%	25W
		12V, 0.1~1.5A	±6%	150mV		
12032	PD-25B	5V, 0.2~2.0A	±2%	50mV	77%	25W
		24V, 0.1~1.0A	±6%	200mV		
12033	PD-2505	5V, 0.1~3.0A	±6%	50mV	73%	25W
		-5V, 0.1~2.5A	±6%	50mV		
12034	PD-2512	12V, 0.1~1.2A	±4%	50mV	74%	24W
		-12V, 0.1~1.2A	±4%	50mV		
12035	PD-2515	15V, 0.1~1.0A	±4%	50mV	75%	24W
		-15V, 0.1~1.0A	±4%	50mV		
12036	PD-2503	3.3V, 0.2~5.0A	±2%	50mV	72%	25W
		5V, 0.1~4.0A	+5%,-8%	50mV		