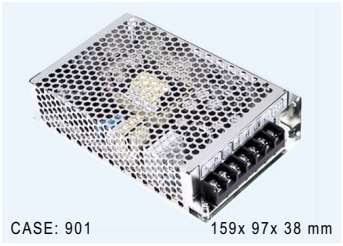
60W Dual and Triple Output Switching Power Supply



- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Fixed switching frequency at 54KHz (D-60)
- Fixed switching frequency at 50KHz (T-60)
- Approvals: UL / CUL / TUV / CB / CE
- Cooling by free air convection
- 100% full load burn-in test
- 2 years warranty

AC input voltage range ..... 85~264VAC; 120~370VDC
AC inrush current ..... Cold start, 25A at 115VAC, 45A at 230VAC
DC adjustment range ..... CH1: -5~+10% rated output voltage
Overload protection ..... 105%~150% hiccup mode, auto-recovery
Over voltage protection .... CH1: 115%~135% rated output voltage
Setup, rise, hold up time ... 300ms, 50ms, 80ms at full load and 230VAC
Withstand voltage I/P-O/P:3.0KVAC, I/P-FG:1.5KVAC, 1minute
Working temperature ..... 0~45°C@100%, -10°C@80%, 60°C@60% load
Safety standards ..... UL1012, 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 ..... 7P/ 9.5mm pitch terminal block
10P/ 7.62mm pitch terminal block (IT-60)
Packing ..... 0.54kg ; 24pcs / 13.8kg / 0.75CUFT (D-60)
0.55kg ; 24pcs / 13.9kg / 0.75CUFT (ID-60)
0.55kg ; 24pcs / 14.1kg / 0.75CUFT (T-60)
0.51kg ; 24pcs / 13.2kg / 0.75CUFT (IT-60)

❖ Dual output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10181	D-60A	5V, 0.3~6.0A	±2%	75mV	73%	56W
		12V, 0.2~4.0A	±6%	150mV		
10182	D-60B	5V, 0.3~6.0A	±2%	75mV	76%	58W
		24V, 0.2~2.2A	±5%	150mV		

❖ Dual output (Note: 5V output is isolated from 24V)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10183	ID-60B	5V, 0.3~6.0A	±2%	100mV	76%	58W
		24V, 0.2~2.2A	±8%	240mV		

❖ Triple output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10291	T-60A	5V, 0.5~7.0A	±2%	100mV	72%	58W
		12V, 0.2~3.5A	±6%	100mV		
		-5V, 0.0~1.0A	±6%	100mV		
10292	T-60B	5V, 0.5~7.0A	±2%	100mV	72%	61W
		12V, 0.2~3.5A	±6%	100mV		
		-12V, 0.0~1.0A	±6%	100mV		
10293	T-60C	5V, 0.5~7.0A	±2%	100mV	72%	63W
		15V, 0.2~3.0A	±6%	100mV		
		-15V, 0.0~1.0A	±6%	100mV		

❖ Triple output (Note: All outputs are isolated)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10296	IT-60D	5V, 0.5~3.0A	±3%	80mV	76%	58W
		12V, 0.1~1.0A	±8%	120mV		
		24V, 0.2~2.0A	±8%	240mV		
10297	IT-60F	5V, 0.5~3.0A	±3%	80mV	76%	58W
		15V, 0.1~1.0A	±8%	150mV		
		24V, 0.2~2.0A	±8%	240mV		

► Note: Output isolated models can reduce noise interference from the system.