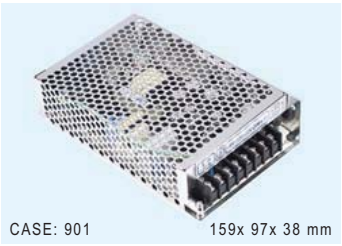
60W Quad Output Switching Power Supply



CASE: 901 159x 97x 38 mm

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Approvals: UL / CUL / CE (TUV / CB also for Q-60)
- Cooling by free air convection
- 100% full load burn-in test
- 2 years warranty

AC input voltage range ..... 90~264VAC; 127~370VDC

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 ..... 800ms, 20ms, 70ms at full load and 230VAC (Q-60)
300ms, 20ms, 80ms at full load and 230VAC (IQ-60)

Withstand voltage I/P-O/P:3.0kVAC, I/P-FG:1.5kVAC, 1minute

Working temperature ..... -10~60°C (refer to output derating curve)

Safety standards ..... UL60950-1 approved for Q-60
UL60950-1, TUV EN60950-1 approved for IQ-60

EMC standards ..... EN55022 class B, EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11, ENV50204

Connection ..... 8P/ 8.25mm pitch terminal block for Q-60
10P/ 7.62mm pitch terminal block for IQ-60

Packing ..... 0.56kg ; 24pcs / 14.4kg / 0.75CUFT (Q-60)
0.55kg ; 24pcs / 14.2kg / 0.75CUFT (IQ-60)

❖ Quad output and UL / CUL / CE approved

Model No.	Output	Tol.	R&N	Effi.	Max.
Q-60B	5V, 0.5~8.0A	±2%	100mV	70%	60W
	12V, 0.1~3.0A	±6%	120mV		
	-5V, 0.0~1.0A	±5%	100mV		
	-12V, 0.0~1.0A	±5%	120mV		
Q-60C	5V, 0.5~8.0A	±2%	100mV	72%	60W
	15V, 0.1~3.0A	+8%,-4%	120mV		
	-5V, 0.0~1.0A	±5%	100mV		
	-15V, 0.0~1.0A	±5%	120mV		
Q-60D	5V, 0.5~8.0A	±2%	100mV	75%	62W
	12V, 0.1~3.0A	±6%	120mV		
	24V, 0.1~1.5A	+8%,-4%	150mV		
	-12V, 0.0~1.0A	±5%	120mV		

❖ 5V, 24V are isolated from CH2 & CH3 and UL / CUL / TUV / CB / CE approved

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