

**S 60****Single****60W**

Country of Origin : Taiwan  
 Operating Temperature : -10 ~ 60° C  
 Dimension : 159 x 97 x 38 mm  
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

**Features:**

Universal AC input / full range

Over load, over voltage &amp; short circuit protection

Cooling by free air convection

100% full load burn-in test

1 year warranty

**Specification:**

MODEL		S-60-5	S-60-12	S-60-15	S-60-24
OUTPUT	Voltage	5V	12V	15V	24V
	min. Load	0A	0A	0A	0A
	max. Load	12A	5A	4A	2.5A
	Tolerance	±2%	±1%	±1%	±1%
	Ripple & Noise (max)	120mV	120mV	150mV	150mV
	Efficiency (typ)	73%	76%	77%	79%
Max. Output Power		60W	60W	60W	60W
Output Voltage adjustment range		±10% of rated output voltage			
INPUT	Voltage	85 ~ 264VAC / 120 ~ 370VDC Universal full range			
	Frequency	47 ~ 63 Hz			
	Current	2A@115VAC / 1A@230VAC			
	Inrush Current	<30A@115VAC / <60A@230VAC , Cold start			
	Leakage Current	<3.5mA@240VAC			
	P.F.C.	-			
PROTECTION	Over Load	105% ~ 150% Hiccup mode, auto recovery			
	Over Voltage	115% ~ 135% of rated output voltage			
	Over Temp.	-			
	Short Circuit	Yes			
OTHERS	Setup time	300ms @ 230VAC / 800ms @ 115VAC			
	Rise time	50ms @ 230VAC / 50ms @ 115VAC			
	Holdup time	80ms @ 230VAC / 10ms @ 115VAC			
	Cooling	Free air convection			
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute			
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm			
Switching Frequency		50KHz (fixed)			
Environment	Temperature	Operating: -10 ~ 60°C / Derating: -10 ~ 0°C: 2%/°C , 45 ~ 60°C: 2,5%/°C / Storage: -20 ~ 85°C			
	Humidity	Operating: 20 ~ 90% RH / Storage: 10 ~ 95% RH			
Connection		5P/ 9.5mm pitch terminal block			
M.T.F.B.		> 316K hours ( according to MIL-HDBK-217F at 25°C environment)			
SAFETY		Approved: UL 1012 / UL 1950 / TÜV EN60950			
EMC	EMI	EN55022 CLASS B / EN61000-3-2,3 / ENV50204			
	EMS	EN61000-4-2,3,4,5,6,8,11			
WEIGHT		N.W.: 0.51 kg/pc			