

S 240

Single

240W

Country of Origin : Taiwan
 Operating Temperature : -10 ~ 60° C
 Dimension : 190 x 93 x 65 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



Features:

AC input range selectable by auto switch
 Over load, over voltage, over temp. & short circuit protection
 Forced air cooling by built-in DC fan
 Cooling fan ON/OFF auto control
 100% full load burn-in test
 1 year warranty

Specification:

MODEL		S-240-5	S-240-7.5	S-240-12	S-240-15	S-240-24	S-240-30	S-240-48
OUTPUT	Voltage	5V	7.5V	12V	15V	24V	30V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A
	max. Load	40A	30A	18A	15A	10A	8A	5A
	Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	150mV	200mV	150mV	150mV	180mV	180mV	240mV
	Efficiency (typ)	78%	80%	82%	83%	84%	85%	87%
Max. Output Power		200W	225W	216W	225W	240W	240W	240W
Output Voltage adjustment range		4.5 ~ 5.8V	6 ~ 9V	10 ~ 14V	12 ~ 18V	20 ~ 28V	27 ~ 33V	41 ~ 56V
INPUT	Voltage	88 ~ 132VAC / 176 ~ 264VAC auto switch / 248 ~ 370VDC						
	Frequency	47 ~ 63 Hz						
	Current	5A @ 115VAC / 2.5A @ 230VAC						
	Inrush Current	<18A @ 115VAC / <36A @ 230VAC, Cold start						
	Leakage Current	<2mA @ 240VAC						
	P.F.C.	-						
PROTECTION	Overload	105% ~ 135% Hiccup mode, auto recovery						
	Over Voltage	115% ~ 150% of rated output voltage, Hiccup mode, auto recovery						
		6 ~ 7V	9.4 ~ 10.9V	14.4 ~ 16.8V	18.5 ~ 21.5V	31.2 ~ 36V	34.5 ~ 40.5V	57.6 ~ 67.2V
	Over Temp.	Yes						
Short Circuit	Yes							
OTHERS	Setup time	1000ms @ full load and 230VAC						
	Rise time	20ms @ full load and 230VAC						
	Holdup time	20ms @ full load and 230VAC						
	Cooling	Forced air cooling by built-in DC fan / Cooling fan ON/OFF auto control						
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1 minute						
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm						
Switching Frequency	75 KHz (fixed)							
Environment	Temperature	Operating: -10 ~ 60°C / Derating: -10 ~ 0°C: 2%/°C, 50 ~ 60°C: 4%/°C / Storage: -20 ~ 85°C						
	Humidity	Operating: 20 ~ 90% RH / Storage: 10 ~ 95% RH						
Connection	7P/ 9.5mm pitch terminal block with cover							
M.T.F.B.	> 179K 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						
	EMS	EN61000-4-2,3,4,5,6,8,11 / ENV50204						
WEIGHT	N.W.: 1.1 kg							