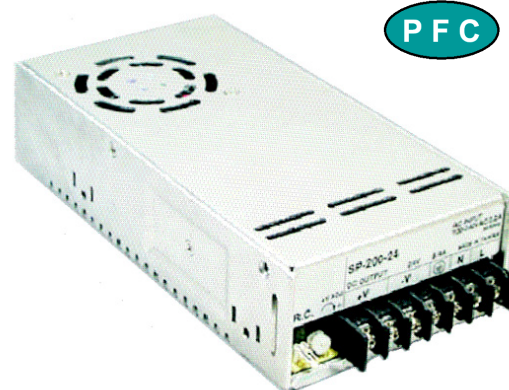


SP 200

Single

200W



Country of Origin : Taiwan
 Operating Temperature : -10 ~ 60° C
 Dimension : 199 x 99 x 50 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE, S-Mark

Features:

Universal AC input / full range with Power Factor Correction
 Remote ON/OFF control (option)
 Built-in fan speed control
 Over load, over voltage, over temperature & short circuit protection
 100% full load burn-in test
 1 year warranty

Specification:

MODEL		SP200-3.3	SP200-5	SP200-7.5	SP200-12	SP200-13.5	SP200-15	SP200-24	SP200-27	SP200-48	
OUTPUT	Voltage	3.3V	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	min. Load	0A	0A	0A	0A	0A	0A	0A	0A	0A	
	max. Load	40A	40A	26.7A	16.7A	14.9A	13.4A	8.4A	7.5A	4.2A	
	Tolerance	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±1%	±1%	±1%
	Ripple & Noise (max)	100mV	100mV	100mV	100mV	100mV	100mV	100mV	150mV	150mV	250mV
	Efficiency (typ)	65%	71%	76%	79%	80%	81%	83%	83%	84%	
Max. Output Power		132W	200W	200W	200W	201W	201W	201W	202W	201W	
Output Voltage adjustment range		-5% ~ +10% of rated output voltage									
INPUT	Voltage	85 ~ 264VAC / 120 ~ 370VDC Universal full range									
	Frequency	47 ~ 63 Hz									
	Current	2.8A@115VAC / 1.4A@230VAC (3.3V : 2A@115VAC / 1A@230VAC)									
	Inrush Current	<40A@230VAC, Cold start									
	Leakage Current	<2mA@240VAC									
	P.F.C.	>0.98@115VAC / >0.96@230VAC									
PROTECTION	Over Load	105% ~ 150% constant current limiting, auto recovery									
	Over Voltage	110% ~ 135% of rated output voltage, Shutdown / Reset : power on 3.63 ~ 6.75V 5.5 ~ 6.75V 8.25 ~ 10.13V 13.2 ~ 16.2V 14.85 ~ 18.2V 16.5 ~ 20.2V 26.4 ~ 32.4V 29.7 ~ 36.45V 52.8 ~ 64.8V									
	Over Temp.	95°C ±5°C, Shutdown, auto recovery after temperature has fallen									
	Short Circuit	Yes									
OTHERS	Setup time	600ms @ 230VAC full load									
	Rise time	30ms @ 230VAC full load									
	Holdup time	20ms @ 230VAC full load									
	Cooling	Forced air cooling by built-in DC fan									
	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		134KHz (fixed)									
Environment	Temperature	Operating: -10 ~ 60°C / Derating: 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.		> 183K hours (according to MIL-HDBK-217F at 25°C environment)									
SAFETY		Approved: UL 1950 / TÜV EN60950 / J60950									
EMC	EMI	EN55022 CLASS B / EN61000-3-2,3									
	EMS	EN61000-4-2,3,4,5,6,8,11 / ENV50204									
WEIGHT		N.W.: 0.8 kg/pc									