



Country of Origin : Taiwan
 Operating Temperature : 0 ~ 70° C
 Dimension : 212 x 115 x 50 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

Features:

Universal AC input with active Power Factor Correction
 Non minimum load requirement
 Overload, over voltage, short circuit protection
 Over temperature protection (Optional)
 Remote Control ON/OFF (Optional)
 Output voltage remote sense / Cooling fan auto sensing ON/OFF
 Built in EMI filter, low ripple noise / 100% 50°C burn-in test
 Also available with Charger function (constant current limiting) (see SPS320PC)
 1 year warranty

Specification:

MODEL		SPS320P-3.3	SPS320P-05	SPS320P-7.5	SPS320P-12	SPS320P-15	SPS320P-24	SPS320P-30	SPS320P-48
OUTPUT	Voltage	3.3V	5V	7.5V	12V	15V	24V	30V	48V
	min. Load	0A	0A	0A	0A	0A	0A	0A	0A
	max. Load	50A	50A	40A	26.7A	21.4A	13.4A	10.7A	6.7A
	Tolerance	±3%	±2%	±2%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	50mV	70mV	80mV	100mV	120mV	150mV	200mV	250mV
	Efficiency (typ)	72%	79%	81%	82%	84%	86%	86%	87%
Max. Output Power		165W	250W	300W	320W	320W	320W	320W	320W
Output Voltage adjustment range		±10% of rated output voltage							
INPUT	Voltage	85 ~ 264VAC / 120 ~ 375VDC Universal full range, single phase							
	Frequency	47 ~ 63 Hz							
	Current	4.3A max @ 100VAC input, full load condition							
	Inrush Current	< 50A@230VAC / < 25A@115VAC input, full load condition. Cold start at 25°C ambient							
	Leakage Current	< 1.5mA@264VAC input							
	P.F.C.	> 0.95@230VAC / meets IEC 1000-3-2 class D							
PROTECTION	Overload	Over 105% ~ 180% of rating, Shutdown, recovers automatically after fault has been removed							
	Over Voltage	3.8 ~ 4.6V	5.8 ~ 7V	8.6 ~ 10.5V	13.8 ~ 16.8V	17.25 ~ 21V	27.6 ~ 33.6V	34.5 ~ 42V	55.2 ~ 67.2V
	Over Temperature	Optional (>95°C, Shutdown)							
	Short Circuit	Shutdown, recovers automatically after fault has been removed							
OTHERS	Rise time	< 20ms@230VAC							
	Holdup time	> 20ms@230VAC							
	Remote Control	Optional (RC+ / RC- : 0~0.7V = Power ON / 3~5V = Power OFF / Sink Current : 3~10mA)							
	Cooling	13.7CFM (min.) DC ball bearing fan, auto working when internal temperature reaches 35°C ± 4°C							
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 50 ~ 70°C : 2.5%/°C / Storage: -10 ~ 75°C							
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)							
M.T.B.F.		> 250K hours (according to MIL-HDBK-217F at 25°C environment)							
SAFETY	Approved :	UL 60950 3 rd edition: 2002 / CSA C22.2 No.60950 3 rd edition: 2002 TÜV EN60950: 2000 / IEC 60950: 1999 / EMKO-TSE (74-SEC)207/94							
	EMI	FCC CFR 47 Part 15 Class B / CNS 13438 Class B / EN55022 / EN61000-3-2,3							
EMC	EMS	EN 50024 / EN61000-4-2,3,4,5,6,8,11							
	WEIGHT	N.W.: 1.2 kg							