

Country of Origin : Taiwan
 Operating Temperature : -10 ~ 70° C
 Dimension : 159 x 95 x 38 mm
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

**Features:**

Universal input 85 ~ 264VAC or 120 ~ 375VDC
 Power Factor Correction
 Non minimum load requirement
 Overload, over voltage, short circuit protection
 Built in EMI filter, low ripple noise
 Also available with DIN-Rail fitting (see SPS070PDR)
 100% 50°C burn-in test
 1 year warranty

Specification:

MODEL		SPS070P-12	SPS070P-15	SPS070P-15M	SPS070P-24	SPS070P-24Q	SPS070P-48
OUTPUT	Voltage	12V	15V	18V	24V	28V	48V
	min. Load	0A	0A	0A	0A	0A	0A
	max. Load	6A	4.8A	4A	3A	2.6A	1.5A
	Tolerance	±1%	±1%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	120mV	150mV	150mV	240mV	280mV	300mV
	Efficiency (typ)	78%	78%	80%	80%	81%	83%
Max. Output Power		72W	72W	72W	72W	72W	72W
Output Voltage adjustment range		±10% of rated output voltage					
INPUT	Voltage	85 ~ 264VAC / 120 ~ 375VDC Universal full range					
	Frequency	47 ~ 63 Hz					
	Current	1.8A max at 100VAC input, full load condition					
	Inrush Current	<30A@115VAC / <60A@230VAC input, full load condition. Cold start at 25°C ambient					
	Leakage Current	<1.5mA@264VAC input					
	P.F.C.	meets IEC 1000-3-2 class A standard					
PROTECTION	Overload	> 105% ~ 180% of rating, Shutdown, auto recovery after fault has been removed					
	Over Voltage	13.8 ~ 17.5V	17.3 ~ 21V	20.7 ~ 25.2V	27.6 ~ 33.6V	32.2 ~ 39.2V	55.2 ~ 67.2V
	Over Temp.	-					
	Short Circuit	Shutdown, recovers automatically after fault has been removed					
OTHERS	Setup time	< 1s@230VAC / < 3s@115VAC					
	Rise time	< 20ms@230VAC					
	Holdup time	> 60ms@230VAC / > 16.7ms@115VAC					
	Cooling	Natural Cooling					
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute					
Switching Frequency		50KHz (fixed)					
Environment	Temperature	Operating: -10 ~ 70°C / Derating: 42 ~ 70°C : 2.0%/°C / Storage: -20 ~ 75°C					
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)					
M.T.B.F.		> 290K hours (according to MIL-HDBK-217F at 25°C environment)					
SAFETY	Approved:	UL 1950 3 rd / CSA C22.2 No.950-95 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94					
EMC	EMI	FCC CFR 47 Part 15 Class B / EN 50081-1 / CNS 13438 Class B					
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11					
WEIGHT		N.W.: 0.6 kg					