

Country of Origin :	Taiwan
Operating Temperature :	-10 ~ 60° C
Dimension :	127 x 76.2 x 28 mm
Approvals / Marks :	UL, c-UL, TÜV, CB, CE

**Features:**

Universal AC input / full range
 Only PCB on board purpose
 Overload, over voltage & short circuit protection
 100% full load burn-in test
 1 year warranty

Specification:

MODEL		PS-45-3.3	PS-45-5	PS-45-7.5	PS-45-12	PS-45-13.5	PS-45-15	PS-45-24	PS-45-27	PS-45-48
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	8A	8A	5.4A	3.7A	3.3A	3A	1.9A	1.7A	1A
	Tolerance	±3%	±3%	±3%	±2%	±2%	±2%	±2%	±2%	±2%
	Ripple & Noise (max)	80mV	100mV	100mV	100mV	100mV	100mV	100mV	100mV	100mV
	Efficiency (typ)	69%	74%	75%	76%	77%	77%	78%	78%	78%
Max. Output Power		26W	40W	40W	44W	44W	45W	45W	46W	48W
		(52W with 18 CFM fan)								
Output Voltage adjustment range		CH1: -5 ~ +10% of rated output voltage								
INPUT	Voltage	90 ~ 264VAC / 120 ~ 370VDC Universal input								
	Frequency	47 ~ 63 Hz								
	Current	1A@115VAC / 0.7A@230VAC								
	Inrush Current	20A@115VAC / 40A@230VAC, Cold start								
	Leakage Current	<0.75mA@230VAC								
	P.F.C.	-								
PROTECTION	Overload	53 ~ 75W (3.3V: 36 ~ 55W) Hiccup mode, auto recovery								
	Over Voltage	CH1: 115% ~ 135% of rated output voltage								
	Over Temp.	-								
	Short Circuit	Yes								
OTHERS	Setup time	<800ms @ 230VAC								
	Rise time	<30ms @ 230VAC								
	Holdup time	>20ms @ 230VAC								
	Cooling	Free air convection								
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC / 1 minute								
	Isolation Resist.	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm								
Switching Frequency		65 KHz (fixed)								
Environment	Temperature	Operating: -10 ~ 60°C / Derating: -10 ~ 0°C: 2%/°C, 45 ~ 60°C: 3.3%/°C / Storage: -20 ~ 85°C								
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)								
Connection		6P/ 3.96mm pitch, MOLEX P/N: 5273								
M.T.F.B.		> 300K hours (according to MIL-HDBK-217F at 25°C environment)								
SAFETY		Approved: 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.: 0.19 kg								