

PX 45 Series

45 W SINGLE & DUAL OUTPUT AC/DC GENERAL

Features

- Low cost, high reliability
- High efficiency
- Built-in EMI filter, low ripple and noise
- Compact size, light weight
- 100% full load burn-in test
- Short circuit, overload, overvoltage protection



Specifications

INPUT

Voltage	90-264VAC, 120-370 VDC.
Frequency	47-440Hz.
Inrush current	20A/115V, 40A/230V cold start.

OUTPUT

Power	45W.
Voltage	See table (±10% adj).
Overload protection	53W to 75W output pulsing mode.
Leakage current	<0.5mA.
Withstand voltage	I/P-O/P: 3kV, I/P-FG: 1.5kV, O/P-FG: 0.5kV, 1 min.

ENVIRONMENTAL

Operating temperature	0°C to +45°C @ 100%, -10°C @ 80%, 60°C @ 50%.
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GENERAL

Expected lifetime	25°C ambient temperature, 100% load, at 230VAC input: 60.000 hours. 45°C ambient temperature, 100% load, at 230VAC input: 30.000 hours.
Connections	6P/3.96 mm molex 5273.
Dimensions (L x W x H)	127 x 76.2 x 30 mm.
Weight	0.23kg.

STANDARDS

Safety standards	UL 1950, TUV EN 60950.
EMC standards	EN55022 Class B, EN61000-4-2, 3, 4, 5, EN61000-3-2, -3.

ARTICLE NUMBER	OUTPUT	TOL.	RIPPLE & NOISE	EFF.	MAX POWER
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SINGLE OUTPUT

PS-45-3.3	3.3V 8A	±3%	80mV	69%	26.5
PS-45-5	5V 8A	±3%	100mV	74%	40
PS-45-7.5	7.5V 5.4A	±3%	100mV	75%	45
PS-45-12	12V 3.7A	±2%	100mV	76%	45
PS-45-13.5	13.5V 3.3A	±2%	100mV	77%	45
PS-45-15	15V 3A	±2%	100mV	77%	45
PS-45-24	24V 1.9A	±2%	100mV	78%	45
PS-45-27	27V 1.7A	±2%	100mV	78%	45
PS-45-48	48V 1.A	±2%	100mV	78%	45

DUAL OUTPUT

PD-45A	+5V 0.4-5A	±4%	50mV	77%	45
	+12V 0.2-2.5A	±6%	120mV		
PD-45B	+5V 0.4-5A	±4%	50mV	78%	45
	+24V 0.2-1.8A	±6%	150mV		

