

Desk Top Power Supplies



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PSGE150 Series 150 Watt Switch Mode Universal AC Input

Features

- Universal Input Range 90-264VAC
- Over Power, Over Voltage & Short Circuit Protection
- Conductive EMI Meets CISPR 22
- CEC & EuP Level V Compliant
- Optional Output Connectors



Electrical Specification

Rated Input Voltage	100-240VAC
Input Voltage Range	90-264VAC
Frequency	47-63Hz
Input Current	2.5A max.
Input Leakage Current	3.5mA max. at 264VAC 60Hz input
Input Current Harmonic	IEC61000-3-2
No Load Input Power	0.35W max.
Efficiency	>87% average
Short Circuit Protection	Continuous, autorecovery when fault removed
Over Power Protection	105-150% of rated output power, auto recovery when fault removed
Over Voltage Protection	140% typ. recycle mains input to reset
Operating Temperature Range	0°C to +40°C
Operating Humidity Range	10-90% RH non-condensing
Storage Temperature Range	-20°C to +80°C
Cooling	Natural convection
Vibration Operating	10-250Hz, 0.25G peak to peak, 3 axes, 15 min sweep
Vibration Storage	10-300Hz, 2.0G peak to peak, 3 axes, 15 min sweep
Safety Approvals	IEC60950-1, cUL, UL, TUV, CB
EMC Standard	FCC Class B, CISPR22 Class B
Immunity Standards	EN61000-4-2, -3, -4, -5, -6, -11
AC Inlet	IEC320/C14

Output Voltage & Current Ratings

MODEL	VOLTAGE	OUTPUT CURRENT	POWER	RIPPLE & NOISE	LOAD REGULATION
PSGE150-12-XX	12V	12.5A	150W	±1%	±10%
PSGE150-15-XX	15V	10A	150W	±1%	±10%
PSGE150-16-XX	16V	9.37A	150W	±1%	±10%
PSGE150-19-XX	19V	7.89A	150W	±1%	±10%
PSGE150-24-XX	24V	6.25A	150W	±1%	±10%

where -XX in model number relates to output connector type. Standard connector is a 4 pin Toby (-01). Other types available, consult sales office.

Mechanical & Connection Details

