

PSU15D SERIES

Desktop power supply

Features:

- Universal input voltage
- Single output
- Pass Ips
- Optional output connectors
- Short circuit protection
- High efficiency & reliability
- Compact low profile package
- One year warranty

SAFETY AGENCY APPROVALS

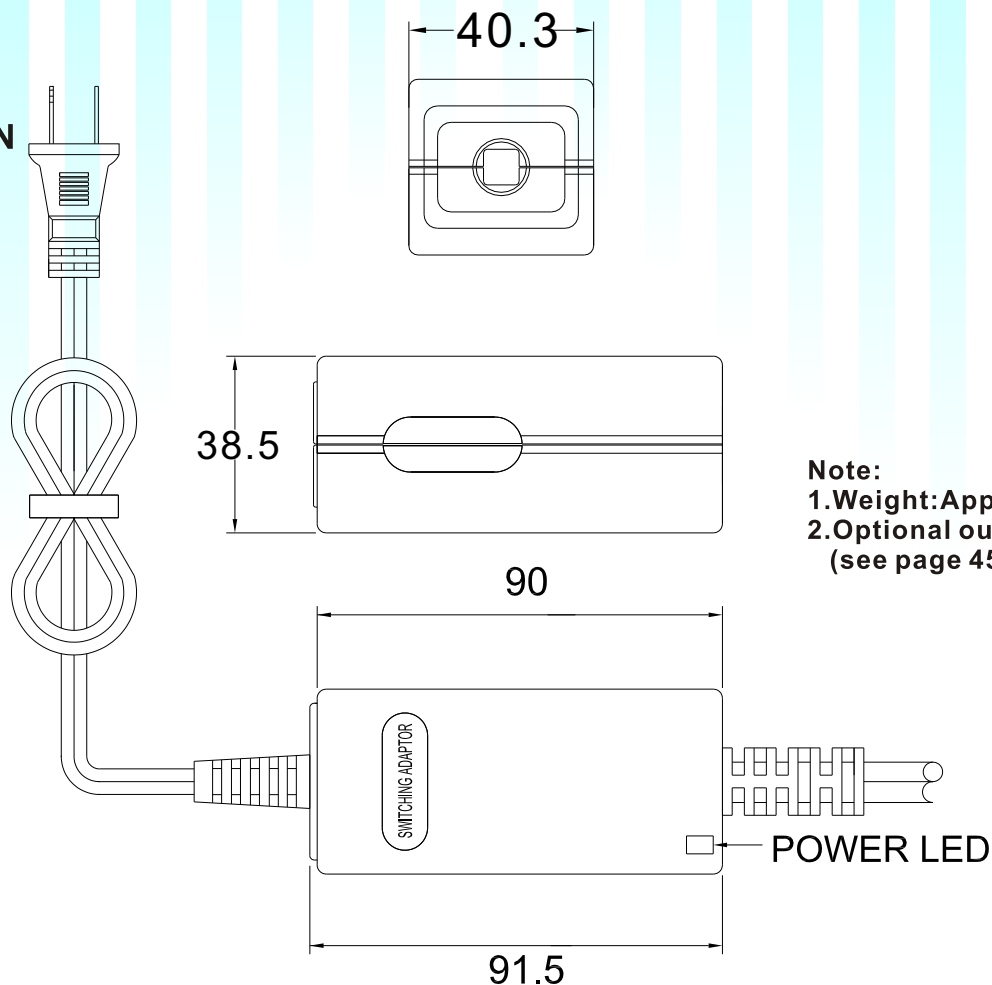


Specifications:	PSU15D Series:
Input voltage	100-240 VAC (Limits: 90-264VAC)
Input frequency	47 to 63Hz
Input current	0.43A (rms) for 115VAC, 0.23A (rms) for 230 VAC
Safety ground leakage current	0.25mA max @ 240 VAC 50Hz
Output voltage	See rating chart ($\pm 5\%$ tolerance)
Output current	See rating chart
Output power range	15 watts Max
Ripple	1 % peak to peak maximum
Over voltage protection	N/A
Over current protection	All outputs protected to short circuit conditions
Temperature coefficient	All outputs $\pm 0.04\%^\circ\text{C}$ maximum
Transient response	Maximum excursion of 4% or better on all models. recovering to 1% of final value within 500uS after a 25% step load change
Operating temperature	$0^\circ\text{C} \sim +40^\circ\text{C}$
Storage temperature	-40°C to $+85^\circ\text{C}$
Relative humidity	5% to 95% non-condensing
Derating	Derated from 100% at $+40^\circ\text{C}$ linearly to 50% at 70°C
Efficiency	65% minimum at full output
Hold-up time	10 msec minimum
Line regulation	$\pm 1.0\%$ maximum for any input voltage change between input voltage range
Load regulation	$\pm 5\%$ variations from minimum to maximum output current.
Insulation resistance	50 M ohm minimum from output to ground
Inrush current	15 AMPS @ 115 VAC, or 30 AMPS @ 230 VAC at 25°C cold start
Withstand voltage	4242VDC from input to output
Mean time between failure	50,000 hours minimum at full load at 25°C ambient
EMI requirements	Meets conduction limits of: CISPR 22.2
Safety requirements	Meets or exceeds: (a) UL 1950 (B) CSA C22.2 (C) TUV En60950 IEC950
Warranty	1 year

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UNIT: mm

USA VERSION
(OPTIONAL)



Note:
1. Weight: Approx 200~250g
2. Optional output connectors
(see page 45)

X = **U** America Type(FIG 1) or **E** Europe Type(FIG 2) or OTHER

★★Please specify output voltage when ordering.

Model	Output Voltage	Output Current	Maximum Output Power
PSU15D-0-X	3~5 VDC	2.40~1.44A	7.2W
PSU15D-1-X	5~6 VDC	2.40~2.00A	12W
PSU15D-1-1-X	6~8 VDC	2.00~1.50A	12W
PSU15D-2-X	8~11VDC	1.87~1.36A	15W
PSU15D-3-X	11~13VDC	1.36~1.15A	15W
PSU15D-4-X	13~16VDC	1.15~0.94A	15W
PSU15D-5-X	16~21VDC	0.94~0.72A	15W
PSU15D-6-X	21~27VDC	0.72~0.55A	15W
PSU15D-7-X	27~33VDC	0.55~0.45A	15W
PSU15D-8-X	33~48VDC	0.45~0.31A	15W