

STD-40 Series

40 Watt Desktop Switching Power Supply
Single Outputs ranging from 5~24 VDC



Product Features:

- Desktop Switching Power Supply
- CEC Level IV Compliant
- RoHS / Lead Free Compliant
- High Efficiency Operation in excess of 85%
- Less than 0.5W No-Load Input Power
- Universal AC Input (90-264 VAC)
- Power Factor > 0.9 for EN6100-3-2 Class D Compliance
- UL94V-0 Rated Enclosure with 3-Prong IEC-320 / C6 Inlet
- LED Power-On Indicator
- Ultra Compact 4.53 X 20.9 X 1.46" Size
- International Safety Approvals & Class B Emissions



INPUT SPECIFICATIONS:

VOLTAGE	Universal AC Input (90-264 VAC)
FREQUENCY	47~63 Hz
INRUSH	30A max @ 100VAC, 60A max @ 240VAC, cold start, full load
CURRENT	0.53A Max (continuous)
EFFICIENCY	84% for CEC Level IV requirement
NO-LOAD INPUT POWER	<0.5W
LEAKAGE CURRENT	<250 μ A

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE	0°C ~ +40°C
STORAGE TEMPERATURE	-20° ~ +60°C
HUMIDITY OPERATING	20% ~ 80% RH
HUMIDITY STORAGE	10% ~ 90% RH
COOLING	Convection
RELIABILITY	50,000 hours min. @ 25°C full load

OUTPUT SPECIFICATIONS:

MINIMUM LOAD	None
LOAD REGULATION	\pm 5%
RIPPLE & NOISE	<200mV Pk-pk max
TOTAL POWER	50W max
OVER VOLTAGE	110%~150%
OVER CURRENT	102%~170%
SHORT CIRCUIT	Automatic recovery after short removed

EMISSIONS:

EMISSIONS	CE/FCC Class B Conduction and Radiation
ELECTROSTATIC DISCHARGE	EN61000-4-2, 8kV, Level 4
RADIATED SUSCEPTIBILITY	EN61000-4-3, Level 3
EFT/BURSTS	EN61000-4-4, \pm 4kV, Level 4
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%

SAFETY STANDARDS:

UL/CUL	60950-1
CB REPORT	IEC60950-1
GS/PSE/BSMI	EN60950-1



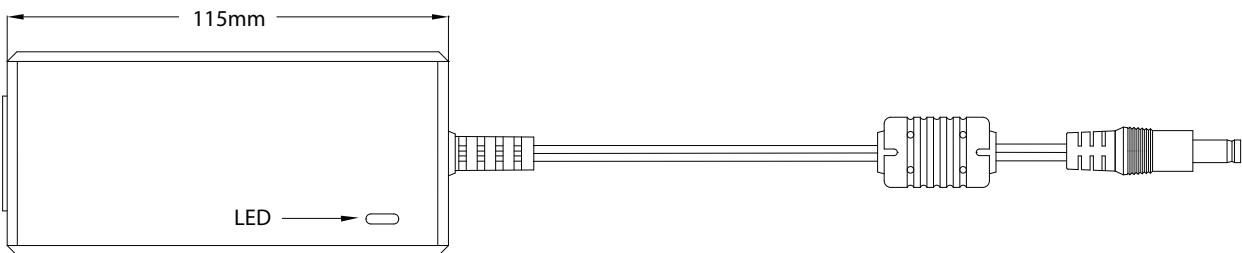
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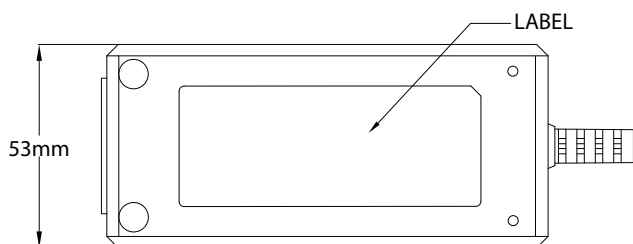
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PART #	OUTPUTS				NOTE
	V1 / A1	V2 / A2	V3 / A3	V4 / A4	
STD-0904-x	9V 4.0A				36 Watts
STD-1233-x	12V 3.33A				40 Watts

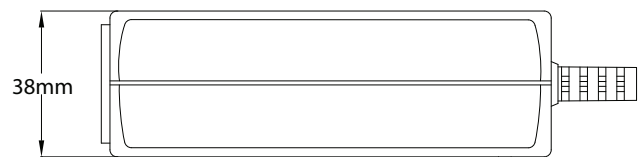
Consult factory to designate IEC-320 Inlet, output cable length and output connector



TOP-VIEW



BOTTOM-VIEW



SIDE-VIEW