

STD-18 Series

18 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
- Less than 0.5W No-Load Input Power
- Universal AC Input (90-264 VAC)
- UL94V-0 Rated Enclosure with 2-Prong IEC-320 / C8 Inlet
- Ultra Compact 3.46 x 1.97 x 1.34" 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	0.4A max
EFFICIENCY	>76% typical, nominal line voltage, full load
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	100,000 hours min. 25°C, full load

OUTPUT SPECIFICATIONS:

MINIMUM LOAD	None
LOAD REGULATION	\pm 5%
RIPPLE & NOISE	100mV pk-pk max
TOTAL POWER	30W 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
SURGES	EN61000-4-5, 2kV Earth, 1kV Line-Line, Class 3
CONDUCTED IMMUNITY	EN61000-4-6, 0.15-800MHz, 10V 80%
VOLTAGE DIPS	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
VOLTAGE INTERRUPTIONS	EN61000-4-11, 95% reduction, 5ms
FLUCTUATIONS & FLICKER	EN61000-3-3

SAFETY STANDARDS:

UL/CUL	60950-1
CB REPORT	IEC60950-1
GS/PSE/BSMI	EN60950-1
CE MARK	Low Voltage Directive



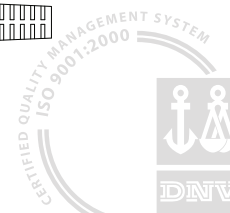
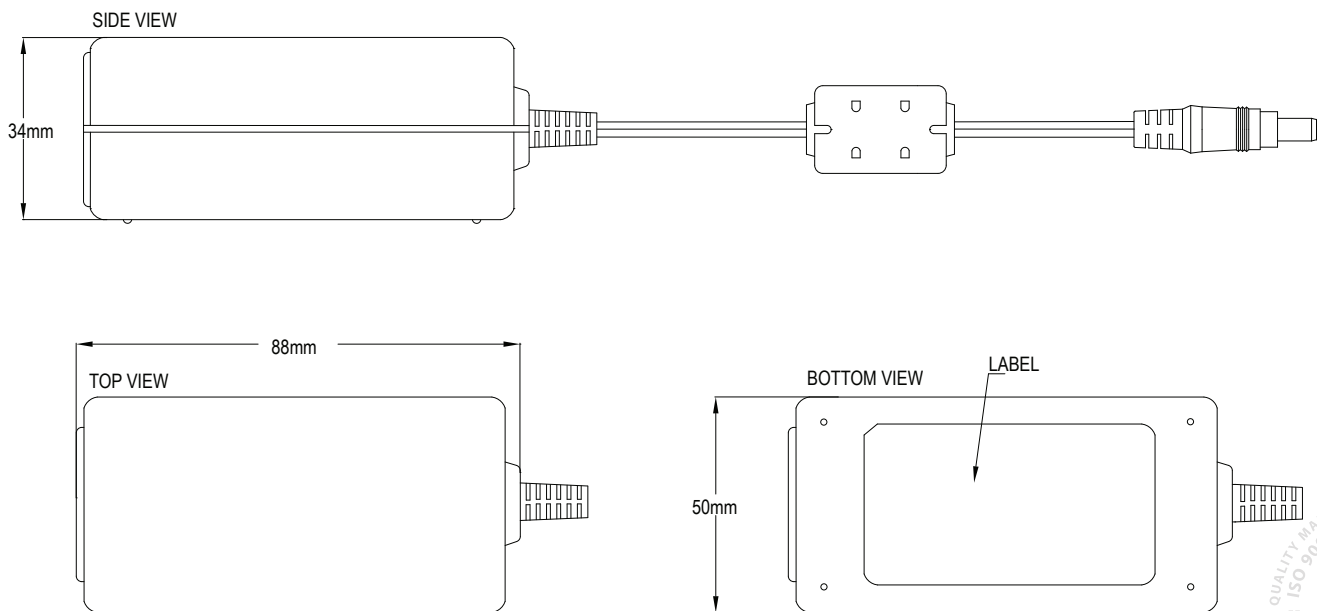
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PART #	OUTPUTS				NOTE
	V1 / A1	V2 / A2	V3 / A3	V4 / A4	
STD-04535T-x	4.5V 3.5A				
STD-05025T-x	5V 2.5A				
STD-05030T-x	5V 3A				
STD-05035T-x	5V 3.5A				
STD-06025T-x	6V 2.5A				
STD-06030T-x	6V 3A				
STD-07025T-x	7V 2.5A				
STD-07525T-x	7.5V 2.5A				
STD-09015T-x	9V 1.5A				
STD-09022T-x	9V 2.2A				
STD-10019T-x	10V 1.9A				
STD-12012T-x	12V 1.2A				
STD-12016T-x	12V 1.6A				
STD-13510T-x	13.5V 1A				
STD-13514T-x	13.5V 1.4A				
STD-15010T-x	15V 1A				
STD-15013T-x	15V 1.3A				
STD-16010T-x	16V 1A				
STD-16012T-x	16V 1.2A				
STD-18008T-x	18V 0.8A				
STD-18011T-x	18V 1.1A				
STD-20007T-x	20V 0.7A				
STD-20010T-x	20V 1A				
STD-24006T-x	24V 0.6A				
STD-24008T-x	24V 0.8A				

Consult factory to designate output cable length and connector



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