

DESKTOP ADAPTER

A50

Nuteck Power Solutions Ltd.
 1st Floor, 115/5, Ramtekdi Industrial Area,
 Hadapsar, Pune-411013.
 Tel : +91 26811162, Mob : +91 9552545012
 Email : info@nuteck.in
 Web : www.nuteck.in

50W Single Output Desktop Adapter

• Features:

- Universal AC Input Supply Range
- Class I Power (with earth pin)
- Protections: Short Circuit / Over Load / Over Voltage
- LED Indicator for Power ON
- High Efficiency, Long Life and High Reliability
- 100% Full Load Burn in test
- Fully Enclosed Plastic Case



SPECIFICATION

MODEL	A50-7.5	A50-09	A50-12	A50-15	A50-18	A50-24	A50-48	
Output	Float Voltage	7.5V	9V	12V	15V	18V	24V	48V
	Rated Current	6.6A	5.5A	4.16A	3.3A	2.7A	2.08A	1.04A
	Current Range	0~6.6A	0~5.5A	0~4.16A	0~3.3A	0~2.7A	0~2.08A	0~1.04A
	Rated Power	50W						
	Ripple and Noise Max.	100mVp-p				180mVp-p		240mVp-p
	Voltage Tolerance	+/-5.0%			+/-3.0%			+/-2%
	Line Regulation	+/-1.0%			+/-1.0%			+/-1.0%
	Load Regulation	+/-5.0%			+/-3.0%			+/-2%
Hold up Time	> 20mSec							
Input	Voltage Range	90 VAC - 300 VAC						
	Frequency	45Hz - 65Hz						
	Efficiency	>80%						
	Inrush Current	<30A At 230VAC						
	Leakage Current	<0.75mA At 230VAC						
Protection	Over Load	Above 110% Rate output Power Protection Type: Hiccup mode, Recovers automatically after fault condition is removed.						
	Over Voltage	110% ~ 135% rate output voltage Protection Type: Shut down o/p voltage, Recovers automatically after fault condition is removed.						
Environment	Working Temp.	-5DegC to 55DegC.						
	Working Humidity	20 to 90%RH Non Condensing.						
	Storage Temp Humidity	-10 to 85DegC 10 to 95% RH.						
	Vibration	10 to 500Hz, 2G, 20min/sweep, peroi -1Hr, Each along X, Y, Z axes.						
Safety & EMC	Safety Standard	Designed to meet UL60950-1						
	Withstand Voltage	I/P-O/P : 2KVAC , I/P-Earth : 1.5KVAC , O/P-Earth : 500VDC.						
	Isolation Resistance	I/P-O/P , I/P-Earth , O/P-Earth : 100M Ohms / 500VDC.						
	EMI & EMC	Designed to meet EN55022						
Others	Cooling	Natural Cooling.						
	Dimension	123*63*38 (L*B*H)						
Connector	Plug	Standard type DC Plug 2.5*5.5*11MM Center positive for stock, Other type available by customer request.						
	Cable	Standard type 18Awg or 1.5 Sq.mm (for 5 to 7.5V), 22Awg or 0.5 Sq.mm (for 12 to 24V) and 24Awg or 0.25 Sq.mm (for 48V) 1200MM for Stock, Other type available by customer request.						
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25Deg.C. ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Output DC Voltage is measured at Plug Terminal. 5. Specifications are subject to change without prior notice due to constant improvement in design & technology.							

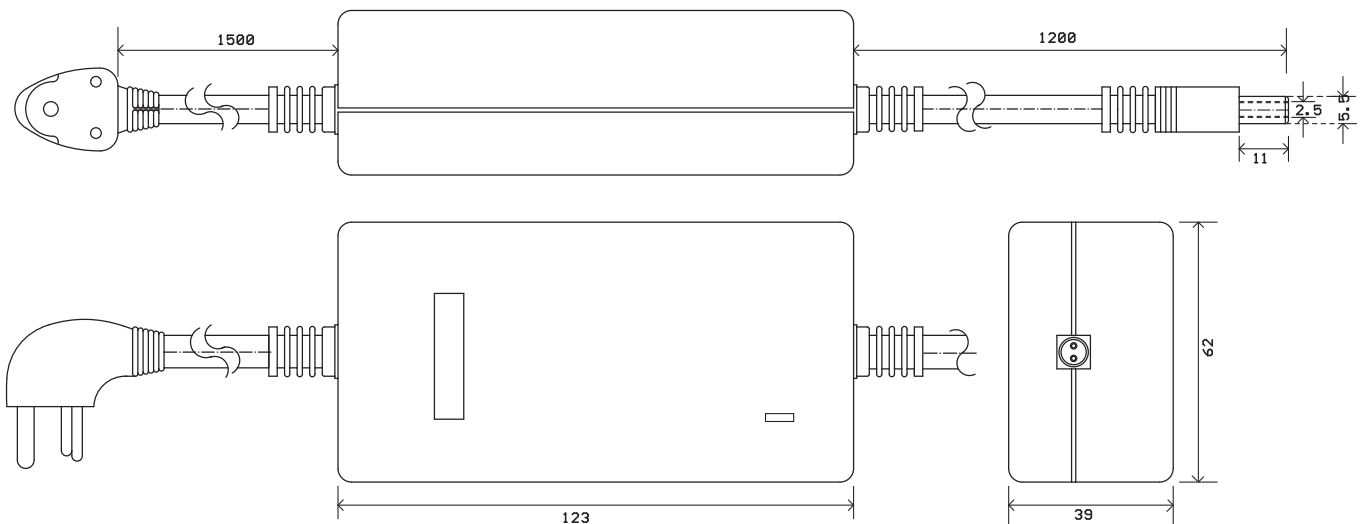
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DIMENSIONAL DETAILS



ALL DIMENSIONS ARE IN MM