

	Model No.	UT60-120500-02	Customer Part No.	8760
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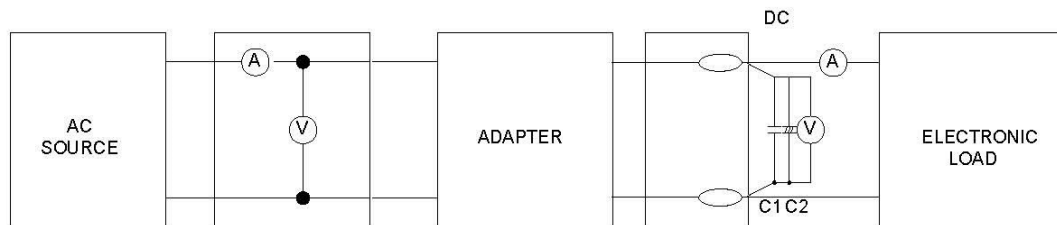
1. Electrical Characteristics:		
Items	Specification	Remarks
1.1 Input:		
1.1.1 Input Range Voltage	100-240Vac	Full voltage 90-264Vac
1.1.2 Input Range Frequency	50Hz(min)-60Hz(max)	50Hz(min)-60Hz(max)
1.1.3 Efficiency	75%min.	At full load and within input voltage 230Vac
1.2 Input Protection:		
1.2.1 Over-current	Input power is off by a fuse	Fuse ratings 3.15A/250Vac
1.3 Output:		
1.3.1 Output Voltage	12V±5%	
1.3.2 Output Current	0~5A	
1.3.3 Line Regulation	2% max.	
1.3.4 Load Regulation	5% max.	
1.3.5 Output Power	60W	At full load and within input voltage 100-240Vac
1.3.6 Ripple + Noise	300max.	Oscilloscope bandwidth=20MHz, 10Uf/50V electrolytic and 0.1Uf/50V ceramic capacitors are connected at output.
1.3.7 Rise Time	2S max.	At Vin=100Vac/60Hz
1.4 Output Protection:		
1.4.1 Over-load	No odor, smoke, fire, plastic deformation, and excessive heat happen.	Increase load current gradually until the output is shorted or burst.
1.4.2 Short-circuit	No odor, smoke, fire, plastic deformation, and excessive heat happen.	Over the operating temperature range.
1.5 Safety Standard:		
	CE FCC	EN60950-1
		EN55022

1.6 EMC Standard:		
1.6.1 EMI	EN55022 FCC Part 15	Class B
1.7 Others:		
1.7.1 Dielectric Withstanding Voltage (Primary to secondary)	3000Vac/10mA/1 minute	The voltage applied to the insulation under test is gradually raised from zero to the prescribed voltage and held at that value for 1 minute.
1.7.2 Insulation resistance (Primary to secondary)	50M ohm. 500Vdc .	1 S
1.7.3 M.T.B.F	50000 hours	At full load 25°C

2. Mechanical Characteristics:		
2.1 Dimension	115.0*50.0*30.3 mm	Length x Width x Height
2.2 AC Inlet	WALL MOUNT	2pin
2.3 Case Material	NORYL (PC, PC+ABS, or equivalent)	94V-0
2.4 Cord	1185 18AWG L=1500MM	As attachment page 6
2.5 Connector Type	DC Plug:5.5*2.1*10mm	H type
2.6 Connector Polarity	Inner-Positive, Outer-Negative	
2.7 Surface	Damaged, or rusted surface is not permitted	
2.8 Drop Test	X-Y-Z direction, 1m, one time with each direction	After test, unit is not broken, disassembled, or damaged to access hazardous parts
2.9 Vibration Test	Frequency=10-55-10Hz, Amplitude 1.5mm, X-Y-Z direction, 30 minutes each direction	Under non-operating status, meet specification after test
2.10 Strain Relief Bend Test	200g, total 180 degree, 150 0times	Meet specification after test
2.11 Strain Relief Pull Test	Force 9Kg, 1 minute	Meet specification after test

2.12 Cord Pull Test	Force 9Kg, 1 minute	Meet specification after test
2.13 Color	White	Fine texture
3. Environmental Characteristics:		
3.1 Storage Temperature Range	-20 to +60°C	
3.2 Operating Temperature Range	0 to +25°C	
3.3 Storage RH Range	5 to 95%	RH: Relative Humidity
3.4 Operating RH Range	20 to 90%	
3.5 Burn-in	4 hours (The new model for first production for 4 hour; Mass production for 2 hours)	Each unit before shipping, full load at $V_{in}=220V_{ac}$

TEST MEASURES



C1 : 0.1uF CERAMICS CAPACITOR

C2 : 10uF/50V ALUMINUM CAPACITOR