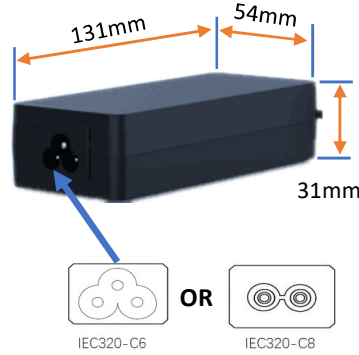


Desk-top Type | DW100-A series

Features :

- ◆ Wide range of AC input voltage 90VAC-264VAC
- ◆ Output current range:1.68-7.5A ;
- ◆ Fully sealed by ultrasonic welding
- ◆ Comply With Safety Standard: UL60950 & UL60065
- ◆ Meet Energy Star level VI, Comply with CEC / DOE /ERP: VI
- ◆ Protections against: Short circuit/over current/over voltage
- ◆ Thorough protections against 4KVdc surge
- ◆ AC Input: US,AU,EU,UK,JP,KR,CN plug can be choice
- ◆ Customized DC cord and DC connector are available



Applications :

- ◆ IT equipment, AV equipment, Lighting, Smart furniture, Visual products, Wearable electronic products, Car refrigerator, Electric blanket, Electric fans, Air purifier, pure water machine, home appliances products and so on



Details Specification :

Model		DW100-A-09750	DW100-A-12750	DW100A-19528	DW100-A-24416	DW100-A-36277	DW100-A-48208	DW100-A-59168
output	DC VOLTAGE	9.0VDC	12.0VDC	19.0VDC	24.0VDC	36.0VDC	48.0VDC	59.0VDC
	RATED CURRENT	7.50A	7.50A	5.28A	4.16A	2.77A	2.08A	1.68A
	CURRENT RANGE	0.01~7.50A	0.01~7.50A	0.01~5.28A	0.01~4.16A	0.01~2.77A	0.01~2.08A	0.01~1.68A
	RATED POWER	67.5W Max	90W Max	100W Max	100W Max	100W Max	100W Max	100W Max
	RIPPLE&NOISE(max)	100mVp-p	150mVp-p	300mVp-p	350mVp-p	500mVp-p	500mVp-p	500mVp-p
	VOLTAGE TOLERANCE	±5%	±5%	±5%	±5%	±5%	±5%	±5%
	LINE REGULATION	±2%	±2%	±2%	±2%	±2%	±2%	±2%
	LOAD REGULATION	±5%	±5%	±5%	±5%	±5%	±5%	±5%
OUTPUT CONNECTOR		DC cord + DC connector 3.5*1.35*10 mm/ 5.5*2.1*10 mm/ 5.5*2.5*10 mm/ 4.0*1.7*10 mm or customized						
Input	VOLTAGE RANGE	The adapter should be operated from 90 Vac to 264 Vac. It is normal for 100~240VAC						
	FREQUENCY RANGE	The adapter should be operated with input frequency from 47Hz to 63Hz.						
	AC CURRENT	1.5A @100~240VAC CLASS II						
	EFFICIENCY	The maximum no-load power is 0.3W while input is 115Vac or 230Vac. CEC / DOE /ERP: VI						
	AC Cable and Plug:	US/EU/UK/Australia/China/Japan plug options and AC connector : IEC320-C6, IEC320-C8 options						
Protection	OVER CURRENT/OVER VOLTAGE	The adapter will be auto recovered when over current faults removed. The power supply may be destroyed at overload condition for a long time. 105%≤OCP(OVP)≤150% rated output current or voltage.						
	SHORT CIRCUIT	The adapter is protected when a short-circuit happened between the output terminals and it will not result in a fire hazard or cause any damage to the adapter. The adapter will be normal operated automatically while the short-circuit is removed.						
Environment	WORKING TEMP., HUMIDITY	0 to +35°C / 10 to 90% RH						
	STORAGE TEMP., HUMIDITY	-30 to +70°C, 10 to 90%						
Safety	STANDARD	UL/CUL (UL60950),GS/LVD (EN60950 & EN60065), ,CCC(GB4943).PSE(J60950)						
	HI-POT TEST	At 25°C, the adapter can withstand 3000 VAC and 5mA maximum current or 4242 VDC and 5mA maximum current. This voltage is applied to the insulation test. Voltage should be gradually adjusted from zero to the specified high voltage in the test and the operation time should be within 1 minute.						
	Insulation Impedance	500Vdc/20MQMin/1S						
EMC	STANDARD	Meet FCC CLASS B, EN55022 CLASS B.						
Others	Chemical test	ROHS 2.0 : 2011/65/EU,IEC62321-3-1, REACH : EC 1907/2006 ,CA65						
	DROP TEST	Drop the adapter from 1 meter height onto the wood planks (at least 13mm thick). Each face of the adapter dropped once and with total 6 faces.						
	BURN-IN	100%, 4~5 hours						
	M.T.B.F	50,000Hours At 25°C						
	Warranty	3 years						
Notes	1.All parameters NOT specially mentioned are measured at 100 & 240 VAC input, rated load and 25°C of ambient temperature. 2.ripple & noise are measured at oscilloscope bandwidth of 20MHz with 0.1uF ceramic and 10uF electrolytic capacitor applied across output connector terminals. 3.Within this power range ,all of DC output voltage and current are available (it is including table listed)							

Certificates

