



Level **V** Efficiency

## 12 Watt Desktop C8 SMPSU Range

- Universal AC Input 90—264Vac
- High Quality and High Reliability
- No minimum load requirement
  - Low ripple & noise
  - 100% burn-in test
- Energy Saving: Efficiency Level V ErP/EuP
  - Safety: UL, cUL, GS, CE, FCC
  - 1 year warranty

## Electrical Specifications

Information	3A-124DA05	3A-124DA06	3A-124DA07	3A-124DA09	3A-124DA10	3A-124DA12	3A-124DA12	3A-124DA15	3A-124DA18	3A-124DA24
Model No.										
Part No.	T2301ST	T2319ST	T2322ST	T2300ST	T2318ST	T2323ST	T3624ST	T2321ST	T2317ST	T2500ST

Output	5Vdc	6Vdc	7Vdc	9Vdc	10Vdc	12Vdc	12Vdc	15V	18Vdc	24Vdc
Voltage										
Current (max.)	2.5A	2.0A	1.75A	1.33A	1.2A	1.0A	1.0A	0.8A	0.67A	0.5A
Current (min.)	0A									
Load Regulation	+/-5%									
Over-Voltage Protection	The output voltage shall be clamped by internal protection zener									
Short Circuit Protection	O/P Shutdown Auto Restart									
Ripple & Noise	150mV p-p					100mV p-p		150mV p-p		240mV p-p
DC Lead						1.5M or 1.83M				
DC Connector	Straight 2.1x5.5x12mm C+ve						Right-Angle		2.1x5.5x12mm C+ve	

Environment	0 to 40°C
Operating Temp.	
Storage Temp.	-10 to 70°C
Operating Humidity	20 to 80% RH Non-Condensing
Storage Humidity	10 to 90% RH Non-Condensing

Input	90 to 264VAC
Voltage Range	
Frequency	47 to 63Hz
Mains Inlet Type	IEC C8 (Fig-8)
Input Rated Current	300mA RMS Max
In-rush Current	30A Max. at 115VAC cool start / 60A Max. at 230VAC cool start
Leakage Current	0.25mA

Other	73.36%	74.7%	77.7%
Efficiency (min.)			
No Load Power	<0.3W (Meets Level V ErP/EuP)		
MTBF	50K Hours		
Dimensions	See Diagram		

Safety & EMC	3KVAC or 4242VDC 10mA 1min.
Hi Pot Test I/P-O/P	
Insulation I/P-O/P	500Vdc to test the I/P to O/P resistance not to be less than 100Mohm
Certification & Approvals	Safety - UL / CUL & GS approved EMI standard : EN-55022B, FCC-PART15B PB-free standard: RoHS Compliant

## 12 Watt Desktop C8 SMPSU Range Technical Drawings

