



# STONTRONICS

THE POWER TO SUPPLY

## EPA-121DA-XX 12 WATT SERIES

- Universal AC Input 90—264Vac
  - Low ripple & noise
- No minimum load requirement
  - 100% burn in test
  - 1 year warranty
- Safety: UL, cUL, GS, CB, CE, FCC



Information	Model No.	EPA-121DA-05	EPA-121DA-06	EPA-121DA-07	EPA-121DA-09	EPA-121DA-10	EPA-121DA-12	EPA-121DA-15	EPA-121DA-16	EPA-121DA-18	EPA-121DA-20	EPA-121DA-24
	Part No.	T2301ST	T2319ST	T2322ST	T2300ST	T2318ST	T2323ST	T2321ST	T2320ST	T2317ST	T2499ST	T2500ST

Output	Voltage	5V	6V	7V	9V	10V	12V	15V	16V	18V	20V	24V	
	Current (Max)	2.5A	2.0A	1.75A	1.33A	1.2A	1.0A	0.8A	0.75A	0.67A	0.6A	0.5A	
	Current (Min)	0A											
	Line Regulation	+/-1%											
	Load Regulation	+/-5%											
	Over-Voltage Protection (O/P Shutdown)	6.46-7.14VDC	7.1-7.9VDC	8.5-9.4VDC	11.4-12.6VDC	14.5VDC	15-18VDC	17.1-18.9VDC	17.1-18.9VDC	18-21VDC	21-24VDC	25.6-28.3VDC	
	Short Circuit Protection	O/P Shutdown Auto Restart											
	Ripple Voltage (L-F)	150mV p-p	100mV p-p	100mV p-p	100mV p-p	100mV p-p	150mV p-p	150mV p-p	180mV p-p	180mV p-p	180mV p-p	240mV p-p	
	O/P Connector	2.1x5.5x12mm Centre +VE											

Environment	Operating Temp.	0 to 40°C											
	Storage Temp.	-10 to 75 °C											
	Operating Humidity	20 to 85% RH Non-Condensing											
	Storage Humidity	10 to 95% RH Non-Condensing											

Input	Voltage Range	90 to 264VAC											
	Frequency	47 to 63Hz											
	Current RMS (Max)	300mA @ 10W - 600mA @ 12W											
	In-rush Current	30/50A											
	Leakage Current	0.25mA											

Other	Efficiency	60%											
	MTBF	50K Hours											
	Dimensions	See Diagram											

Safety & EMC	Hi Pot Test I/P-O/P	3KVAC or 4242VDC											
	Insulation I/P-O/P	100Mohm											
	Additional Safety	PSE, PSB, DFT, KTL	PSE, PSB	PSE, DFT, KTL	PSE	PSE	PSE	PSE	PSE	PSE	PSE		
	Certification	Safety - UL 60950-1, CSA C22.2 No. 60950-1, EN 60950-1, IEC 60950-1 EMI - FCC CFR 47 PART 15, EN 55022, EN 61000-3 EMS - EN 50024 (EN 61204-3), EN 61000-4											

Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH.  
 Tel: 0118 931 1199 Fax: 0118 931 1145  
 Email: [info@stontronics.co.uk](mailto:info@stontronics.co.uk) [www.stontronics.co.uk](http://www.stontronics.co.uk)

## EPA-121DA-XX 12 WATT SERIES

Additional Information

Dimensional Drawing

