



STONTRONICS

THE POWER TO SUPPLY

SPU25A 25 WATT SERIES

- CEC and Energy Star compliant
- Approved as Limited Power Source (LPS)
- RoHS Compliant
- CEC Compliant
- Wide Input Voltage 90 to 264 VAC, 47 to 63Hz
 - IEC-320-C14 Input Inlet
- Output Voltage Available From 5VDC Thru 48VDC
 - Single Output
 - Splash Proof
 - Class I Insulation
 - 100% Burn In and Test
- Safety: UL/cUL, TUV/GS, CB, CE



LPS

Information	Model No.	SPU25A-102-5	SPU25A-103-6	SPU25A-103-7.5	SPU25A-104-9	SPU25A-105-12	SPU25A-106-15	SPU25A-107-18	SPU25A-108-24	SPU25A-109-30	SPU25A-111-48
	Part No.	T4117ST	T4118ST	T4118ST	T4120ST	T4121ST	T4122ST	T4123ST	T4124ST	T4125ST	T4126ST

Output	Voltage	5VDC	6VDC	7.5VDC	9VDC	12VDC	15VDC	18VDC	24VDC	30VDC	48VDC
	Current (Max)	3.30A	3.33A	2.67A	2.44A	2.08A	1.66A	1.39A	1.04A	0.833A	0.625A
	Current (Min)	0A									
	Line Regulation	+/-1%									
	Load Regulation	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-3%		
	Over-Voltage Protection	None									
	Over-Current Protection	110 to 150%									
	Ripple & Noise	1% P-P Max									
	O/P Connector	2.1x5.5x12mm Centre +VE Right Angled									

Environment	Operating Temp.	0 to 70°C Derates Linearly from 100 to 50% Load 40 to 70°C									
	Storage Temp.	-40 to 85 °C									
	Operating Humidity	5 to 95% RH Non-Condensing									
	Storage Humidity	Not Specified									

Input	Voltage Range	90 to 264VAC									
	Frequency	47 to 63Hz									
	Current RMS (Max)	0.4A									
	In-rush Current	15/30A									
	Leakage Current	0.75mA Max									

Other	Efficiency	75%									
	MTBF	300Khrs									
	Dimensions	See Diagram									

Safety & EMC	Hi Pot Test I/P-O/P	Primary to Secondary = 4242VDC & Primary to Ground = 2121VDC									
	Insulation I/P-O/P	50Mohm									
	Additional Safety	PSE	PSE	PSE	PSE	PSE	PSE	PSE	PSE	PSE	
	Certification	Safety - UL 90560-1, EN 60950-1, IEC 60950-1 EMI - EN 55022, EN 61000-3-2, EN 61000-3-3 EMC - EN 55024 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11)									

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Additional Information

Note:

1. Dimensions are shown in mm.
2. Weight: 170gs approx.
3. Optional output connector:

