



Statronics Power Supplies

Rifala Pty Ltd, ACN 002612473



ISO 9001

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X25S##D,
DIN-RAIL MOUNTED,
SINGLE OUTPUT
POWER SUPPLIES.
SPECIFICATIONS:



Input Voltage	90-280 VAC, 0.5A, 47-440 Hz OR 100-380V DC	
Input Current	steady state: 0.4 A at 240Vac input	
Inrush current	10A max peak for 264VAC	
Fuse	1A (F) 250VAC, 20x5mm (internal)	
MODEL	X25S24D	X25S15D
OUTPUT	24V DC 1 A	15V DC 1.6 A
Total Output Power	25 Watts	25 Watts
Total Band Regulation	± 4%	± 4%
Output Ripple and Noise	< 150mV P-P	< 150mV P-P
Minimum Load Regulated	0.05A	0.06A
Efficiency	> 80% at maximum load	> 78% at maximum load
Temperature Coefficient	Any change in output voltage due to warm-up drift and operation temperature does not exceed regulation limit.	
Dynamic Load	Step response for total 20W load step within load range, < 350mV peak or dip, 400µs settling time.	
Short Circuit Protection	Short circuit or overload causes no damage to the power supply.	
No Load Protection	Under no load operation, the power supply causes no damage or hazard; no minimum load is required.	
Over Power Protection	Total power 100% to 130% of rating with shutdown, automatic re-start on removal of overload.	
Operating Temperature Environment	0° to +40°C for continuous maximum load de-rate linearly to 60% at 50°C. Relative humidity: 8% to 80%. For best ventilation, mount with arrows pointing upwards.	
Shipping and Storage	-20°C to 85°C , relative humidity: 5% to 95%	
Safety Standards	Complies with: AS 3260, IEC 950, CSA C22.2 No.950 UL 1950	
EMC Standards	AS 3548 ClassA, CISPR.22 ClassA, FCC 47 CFR 15 ClassA, VCCI Class I	
Dimensions	Length Width Height 78 x 85 x 65 mm (3 x 3.35 x 2.5 inches)	

Output Ripple and Noise: Measured at the output connector; this measurement should be made using a differential technique a CMRR greater than 10,000 to 1, from 10Hz to 100kHz bandwidth; outputs to be bypassed at the connector with a 0.1µF ceramic X7R dielectric disk capacitor to simulate system loading'.

Minimum Load Regulated is the minimum for which the output remains within the "total regulation" limits for all input voltages within the input range and within the load limits.