

Features

- Universal AC input / Full range
- Short circuit, over-load, over-voltage protected
- Cooling by free air convection
- 100% full load burn-in test
- Fixed switching frequency at 56KHz
- 2 year warranty



DC output voltage	24V
Output V. tolerance	±1%
Output rated current	1.1A
Output current range	0-1.1A
Ripple & noise	100mVp-p
Line regulation	±0.5%
Load regulation	±0.5%
DC output power	26.4W
Efficiency	80% / 115VAC
DC voltage adj.	±10% rated output voltage
Input voltage range	85~264VAC 47~63Hz; 120~370VDC
AC current	0.6A/115V 0.35A/230V
Inrush current	cold start 15A/115V 30A/230V
Leakage current	<0.75mA/240VAC
Overload protection	105%~150% type: Hiccup mode, recovers automatically after fault condition is removed
Over voltage protection	115%~135%
Over temp. protection	---
Temperature coefficient	±0.03% / °C (0~50°C)
Set up, rise, hold up time	800ms, 50ms, 10ms / 115VAC 300ms, 50ms, 80ms / 230VAC
Vibration	10~500Hz, 2G 10min./1cycle (1 hour each axes)
Withstand voltage	I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms min.
Working temp., humidity	-10°C~+60°C (refer to output derating curve), 20%-90% RH
Storage temp., humidity	-20°C~+85°C, 10%~95% RH
Dimensions	3.90x3.82x1.42 inches (99x97x36 mm)
Weight	0.82 lbs (0.37 Kg)
Safety standards	UL1012, TUV EN60950 (IEC950, UL1950) approved
EMC standards	CISPR22 (EN55022), IEC801-2,3,4, IEC555-2 verification

Notes:

1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient
2. Tolerance includes set up tolerance, line regulation, load regulation
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor
4. Line regulation is measured from low line to high line at rated load
5. Load regulation is measure from 0% to 100% rated load

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Graph of Load (%) vs. Ambient Temp. (°C) for a vertical plate. The load is 80% at -10°C, rises to 100% at 0°C, stays at 100% until 50°C, drops to 60% at 60°C, and then drops to 0% at 65°C.

Ambient Temp. (°C)	Load (%)
-10	80
0	100
50	100
60	60
65	0

Graph showing Output Voltage (V) and Output Ripple (mVp-p) versus Input Voltage (V) for the 60 Hz case. The ambient temperature is $T_a = 25^\circ\text{C}$. The output voltage is constant at 24 V, and the output ripple is constant at 25 mVp-p.

Case: 905
Terminal Pin No. Assignment
PIN 1: DC OUTPUT -V
PIN 2: DC OUTPUT +V
PIN 3: FG
PIN 4,5: AC INPUT

