**FEATURES**

- Active power factor correction (PFC)—0.99 typ.
- Compliant to IEC1000-3-2
- Continuous wide-range input voltage
- Meets international safety standards
  - UL1950 Recognized
  - CSA C22.2 No. 950 Certified
  - IEC950/EN60950 (TUV Certified)
- CE Mark (LVD)
- Built-in EMI filter (conducted)
  - FCC Part 15 Level B
  - CISPR Pub. 22 Level B
  - VCCI Class B
- Surge immunity to 4kV (Input to Chassis)

**AUXILIARY FEATURES**

- LED operating indicator
- Remote ON/OFF
- Remote Sense

**SPECIFICATIONS****INPUT**

Voltage	85-264 VAC (continuous)
Frequency	47-63 Hz
Current	
Full Load	0.8 - 1.2A (RMS) 0.4 - 0.6A (RMS)
Inrush	120V - 20A (TYP) 240V - 40A (TYP)

**OUTPUT**

Total Regulation	±5.0%
Ripple & Noise (peak-to-peak)	100mV or 1% (whichever is larger) (measured at 25°C with a bandwidth of 100 MHz)
Hold-up Time	20ms min. (measured at nominal input voltage, full load, 25°C)
Start-up Time	15 (max)

**PROTECTION**

Overvoltage	All models are protected against over-voltage. Control circuit is preset so output voltage does not exceed the following values: <table><tr><td>Output V</td><td>3.3</td><td>5.0</td><td>12</td><td>15</td><td>24</td></tr><tr><td>OVP</td><td>4.5</td><td>6.9</td><td>15.5</td><td>19.5</td><td>30</td></tr></table>	Output V	3.3	5.0	12	15	24	OVP	4.5	6.9	15.5	19.5	30
Output V	3.3	5.0	12	15	24								
OVP	4.5	6.9	15.5	19.5	30								
Overload	All models are protected against overload and short circuit. Recovery is automatic after removal of the fault.												
Remote Sense	Standard Compensates for up to 250mV volt drop on each lead.												
Remote ON/OFF	Standard												

**ISOLATION**

Input to Chassis	2000VAC for 1 minute
Input to Output	3000VAC for 1 minute
Output to Chassis	500VAC for 1 minute
Insulation	100MΩ at 500VDC
Leakage Current	0.3mA (max) at 120VAC, 60Hz per UL1950, EN60950 0.75mA (max) at 254.4VAC, 60Hz per CSA22.2 No. 950 0.25mA (max) at 100VAC, 60Hz per JIS standard

**ENVIRONMENT**

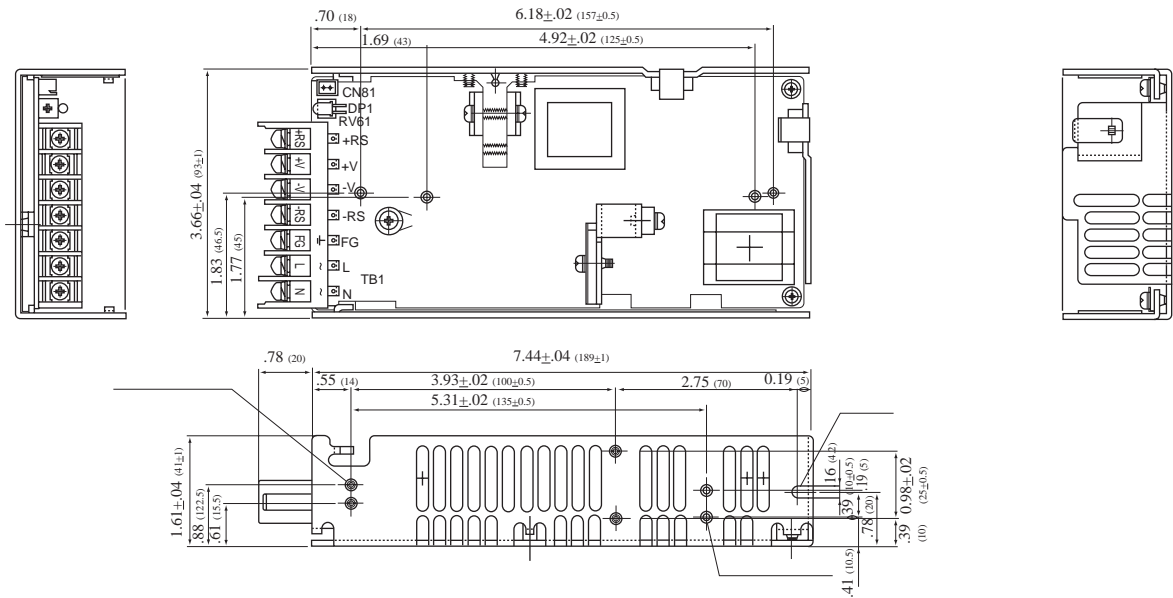
Operating Temp.	-10°C to + 50°C at full load (derated to 50% from 50°C to 60°C)
Operating Humidity	20% - 90% relative humidity (non-condensing)
Storage Temp.	-30°C to + 85°C
Storage Humidity	10% - 95% relative humidity (non-condensing)
Shock	<20G
Vibration	2G, 10 - 55 Hz, 0.75mm amplitude, for 2 hours (non-operating)

**MODEL SPECIFICATIONS**

Model #	Output Voltage ( <sup>+/-</sup> 10%)	Output Current	Efficiency	Power
JY03020G	3.3V	0-20A	71%	66W
JY05020G	5.0V	0-20A	70%	100W
JY128R3G	12.0V	0-8.3A	75%	100W
JY156R6G	15.0V	0-6.6A	78%	100W
JY244R2G	24.0V	0-4.2A	80%	100W
JY48002G	48.0V	0-2A	70%	100W

**MECHANICAL SPECIFICATIONS**  
Size (W + D + H) 100W: 3.7 x 7.4 x 1.6 inches (93 x 189 x 41 mm)

Weight 100W: 1.4 lbs. (0.6 kg)



CONNECTOR DESIGNATIONS

TB1	
Designation	Function — 100W
N	Line-Neutral
L	Line-Hot
FG	Frame Ground
-RS	(-) Remote Sense
-V	Negative Output
+V	Positive Output
+RS	(+) Remote Sense

Connections made to terminal block TB1 with M3 hardware.

CN3	
Designation	Function — 100W
CN3-1	Remote ON/OFF
CN3-2	Remote ON/OFF

Connections made to CN3 pins with mating female connector supplied.

All specifications are subject to change without notice.