



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)
- MTBF > 350,000 hours

AUXILIARY FEATURES

- LED operating indicator
- Remote ON/OFF
- Remote sense
- Forced load sharing (parallelable)

SPECIFICATIONS

INPUT

Voltage 85-264 VAC (continuous)
 (90-264 VAC between -10 to 0°C)
 Frequency 47-63 Hz
 Current

Full Load 120V 2.1 - 4.2 (RMS)
 240V 1.2 - 2.1 (RMS)

Inrush 120V - 14A (TYP)
 240V - 28A (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 1S (max)

PROTECTION

Overvoltage All models are protected against over-voltage. Control circuit is preset so output voltage does not exceed the following values:

Output V	2	3.3	5.0	12	15	24	48
OVP	3.8	4.5	6.9	15.5	19.5	30	60

Overload All models are protected against overload and short circuit. Recovery is automatic after removal of the fault.

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 0.2mA (max) at 120VAC, 60Hz per UL1950, EN60950
 0.75mA (max) at 254.4VAC, 60Hz per CSA22.2 No. 950

ENVIRONMENT

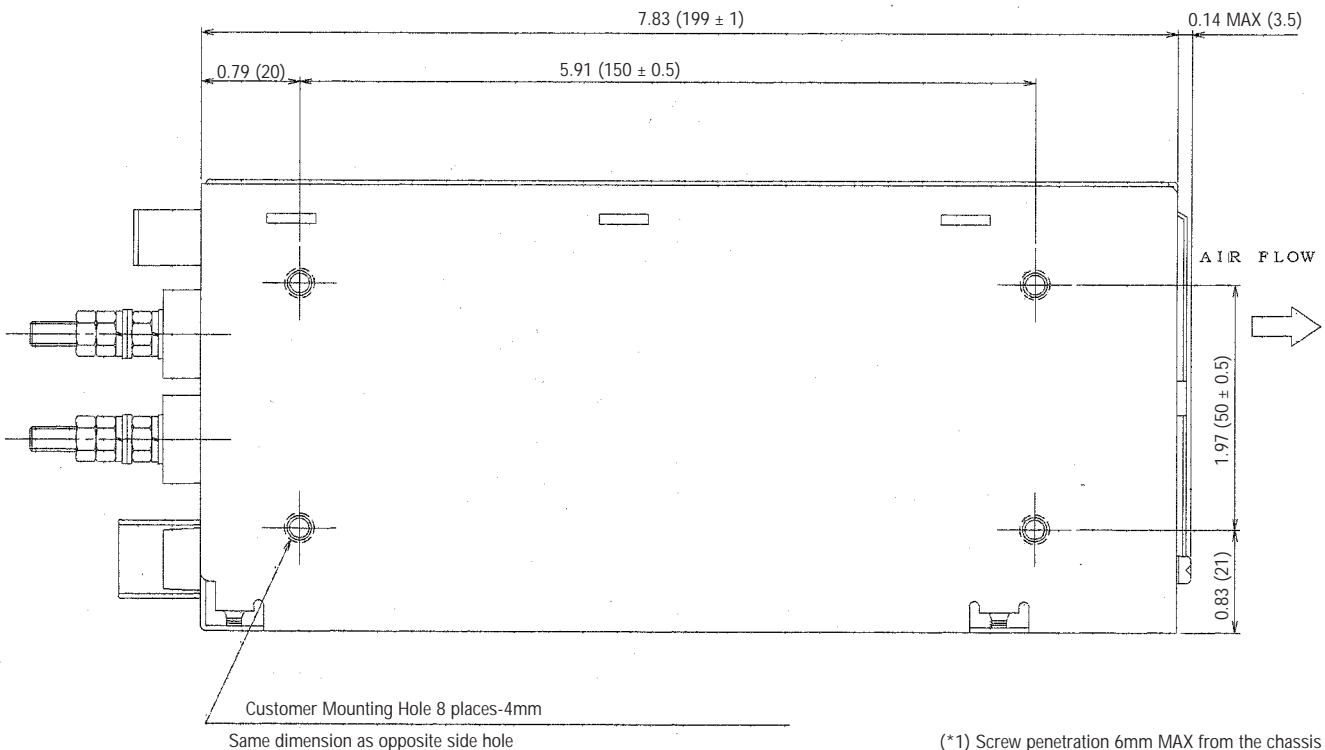
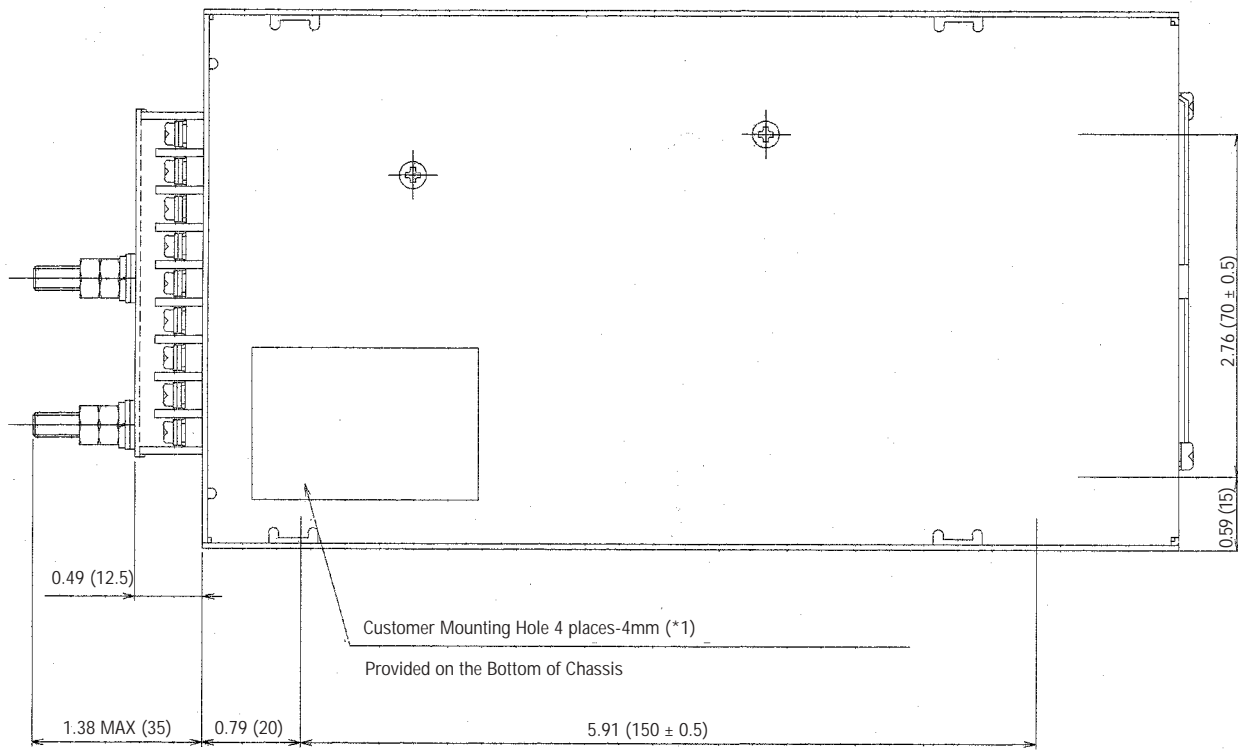
Operating Temp. -10°C to + 50°C at full load
 (derated to 50% from 50°C to 60°C)
 Operating Humidity 20% - 90% relative humidity
 (non-condensing)
 Storage Temp. -30°C to + 85°C
 Storage Humidity 10% - 95% relative humidity
 (non-condensing)
 Shock 10G
 Vibration 2G, 10 - 55 Hz, 0.75mm amplitude, for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

MODEL SPECIFICATIONS

Model #	Output Voltage (+/- 10%)	Output Current	Efficiency	Power
JY02060G	2.0V	0-60A	60%	120W
JY03060G	3.3V	0-60A	63%	198W
JY05060G	5.0V	0-60A	73%	300W
JY12025G	12.0V	0-25A	77%	300W
JY15020G	15.0V	0-20A	79%	300W
JY24013G	24.0V	0-13A	80%	300W
JY48006G	48.0V	0-6A	80%	300W

MECHANICAL SPECIFICATIONS

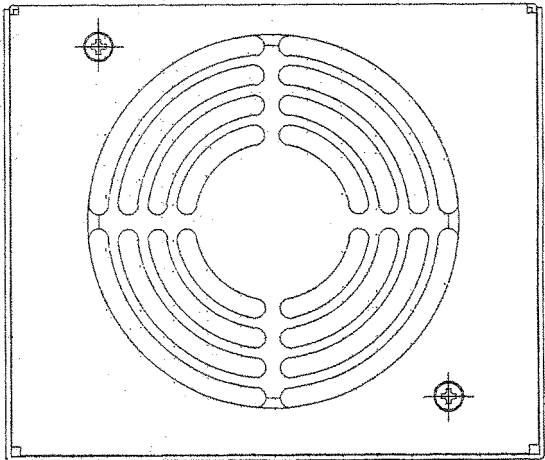
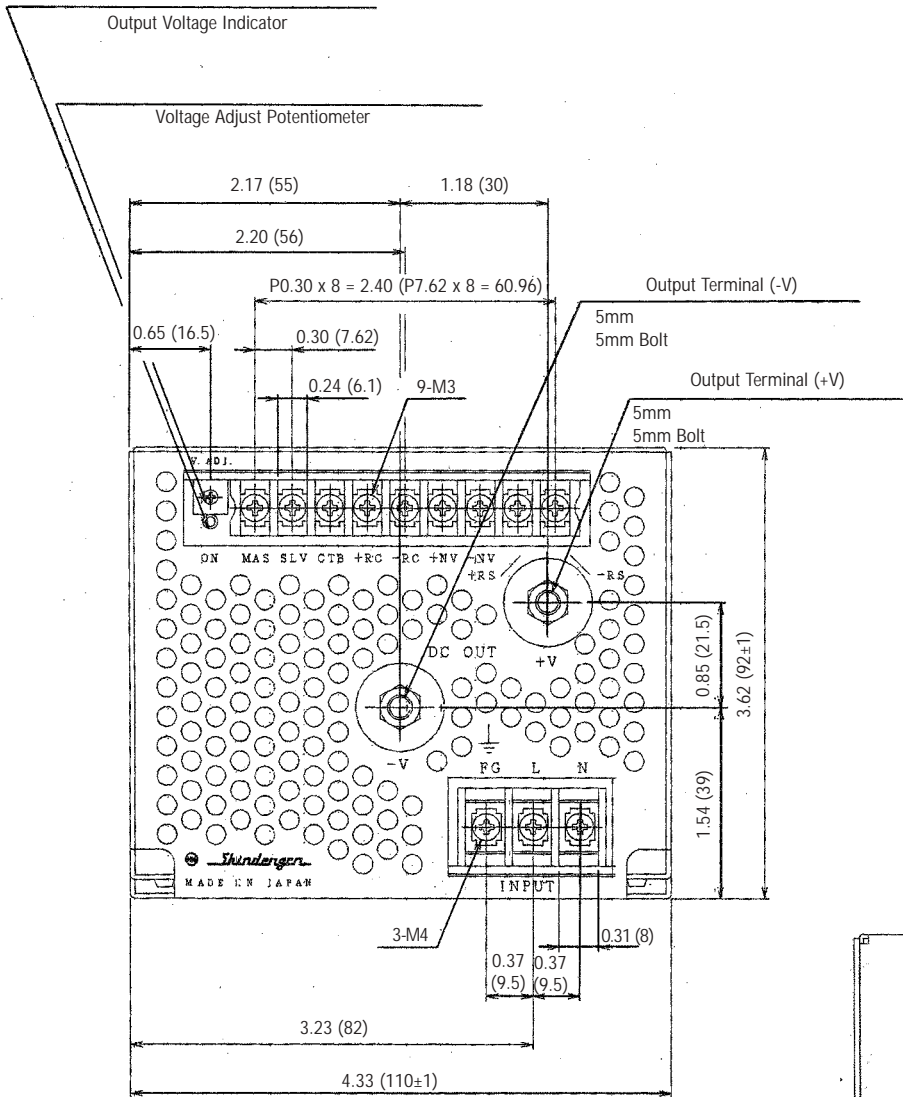
Size (W + D + H): 4.33 x 7.83 x 3.62 inches
(110 x 199 x 92 mm)



(*1) Screw penetration 6mm MAX from the chassis surface.

MECHANICAL SPECIFICATIONS

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(110 x 199 x 92 mm)



All specifications are subject to change without notice.