



## 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 > 300,000 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 3.7 - 8.9 (RMS) 240V 1.8 - 4.4 (RMS)
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Inrush	120V - 23A (TYP) 240V - 36A (TYP)
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### 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.
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## 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

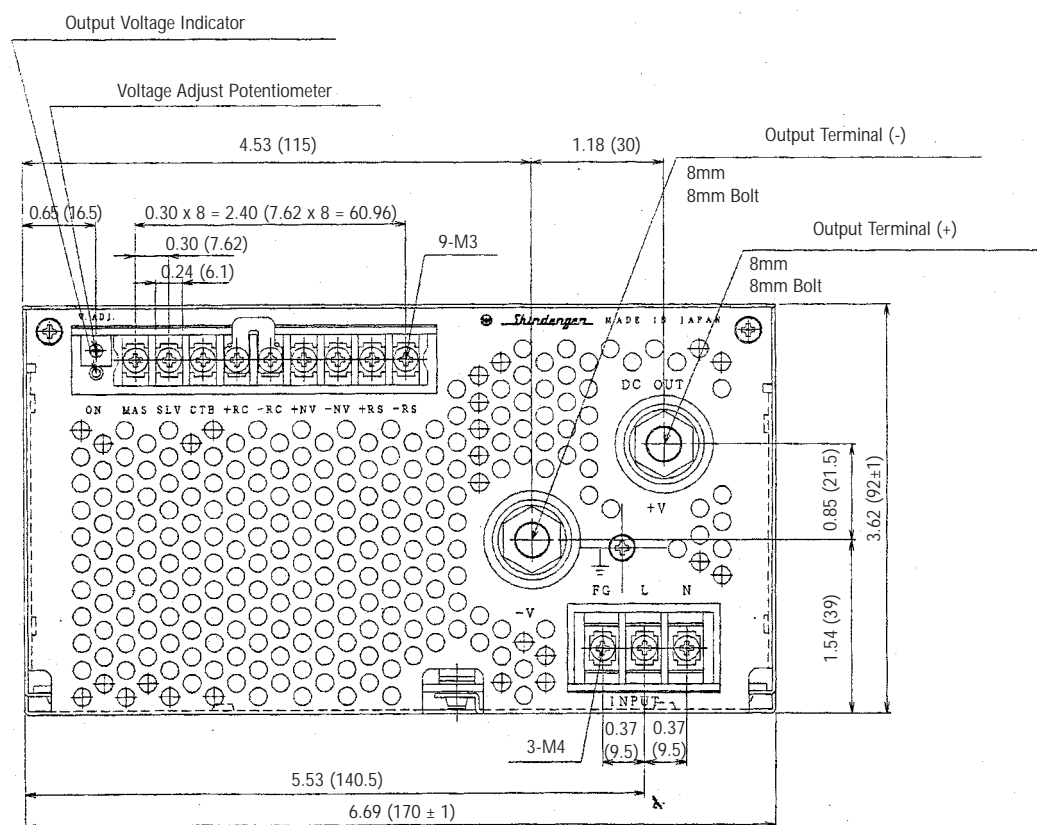
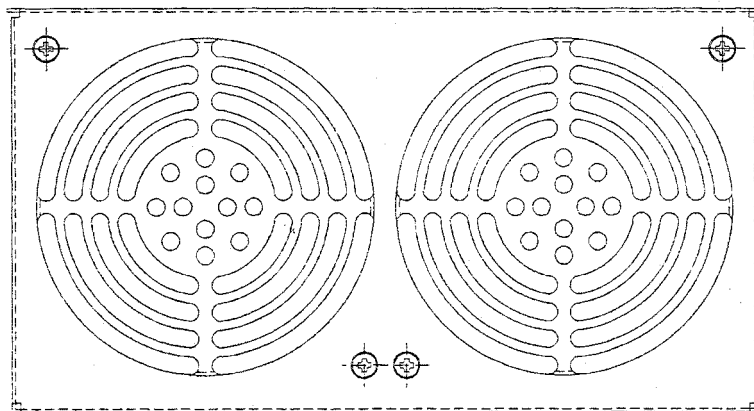
Operating Temp.	-10°C to + 50°C at full load (derated to 50% from 50°C to 60°C)
Operating Humidity	20% - 90% relative humidity (non-condensing)
Storage Temp.	-30°C to + 85°C
Storage Humidity	10% - 95% relative humidity (non-condensing)
Shock	10G
Vibration	2G, 10 - 55 Hz, 0.75mm amplitude, for 2 hours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

## MODEL SPECIFICATIONS

Model #	Output Voltage (±10%)	Output Current	Efficiency	Power
JY02120G	2.0V	0-120A	63%	240W
JY03120G	3.3V	0-120A	65%	360W
JY05120G	5.0V	0-120A	73%	600W
JY12050G	12.0V	0-50A	79%	600W
JY15040G	15.0V	0-40A	80%	600W
JY24025G	24.0V	0-25A	79%	600W
JY48013G	48.0V	0-13A	79%	600W

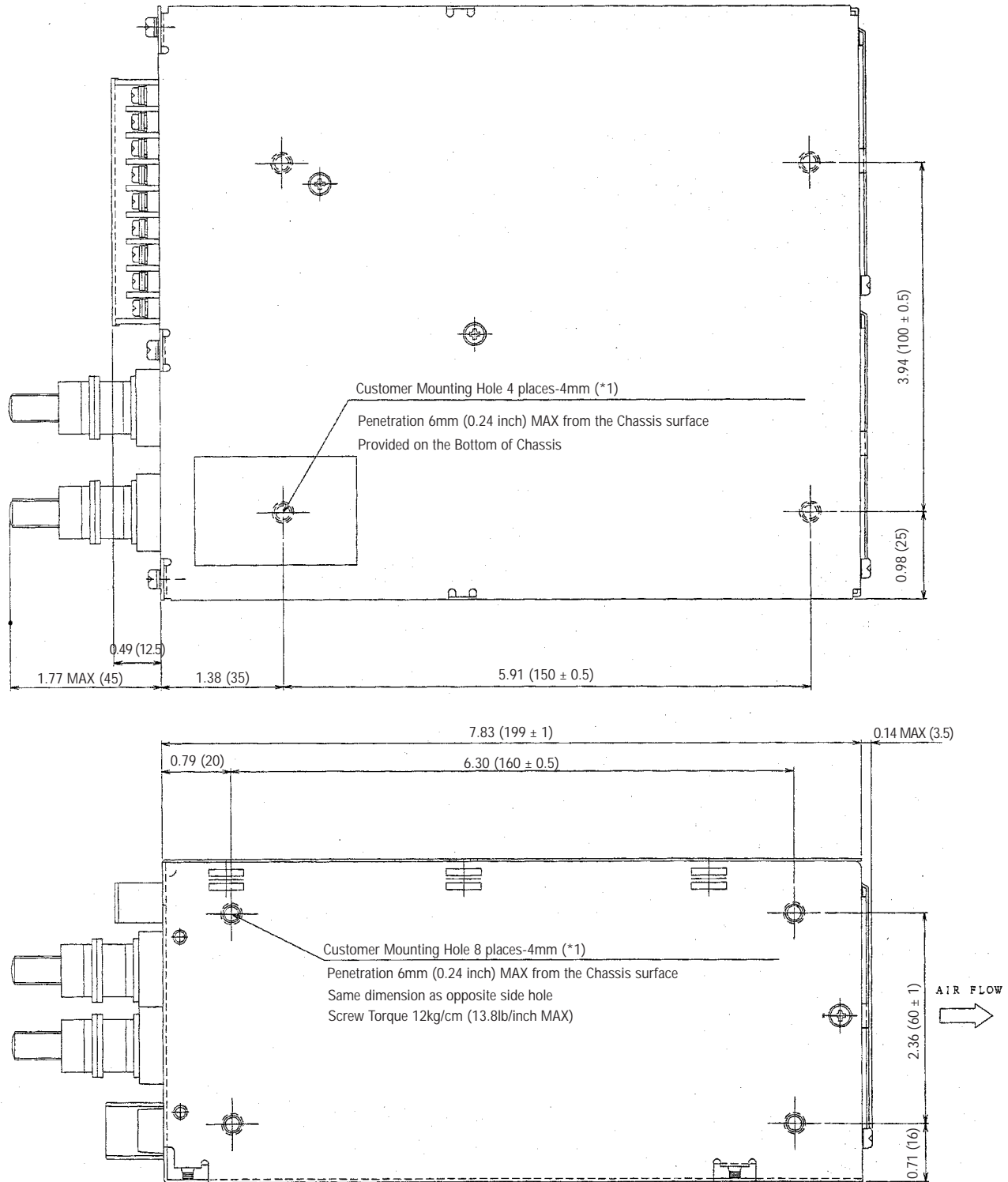
**MECHANICAL SPECIFICATIONS**

Size (W + D + H): 6.69 x 7.83 x 3.62 inches  
(170 x 199 x 92 mm)



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