

S1500-R RANGE

Industrial application Single output euro-rack AC-DC power supply unit

FEATURES

Input voltage

230Vac +/- 15%

Input frequency

50/60Hz

Efficiency

75÷85% typ. (depending on output voltage)

Switching operating frequency

100kHz ca.

Power factor

>0.98 typ.

Input protections

- Start-up peak current limit. (30A 5msec typ.)
- Fuses on both input lines and EMI filter

Leakage current to GND

Max 1.5mA at 50Hz

See table for

- Output voltages and currents
- Line and load regulation
- Output ripple and noise

Output protections

- Overload
- Short circuit
- Overvoltage : at $V_o + 25\%$ typ.
- Over temperature, with thermal sensor

Hold up time

40msec (90÷264Vin)

Start up time

60msec typ.

Output power

1500W typ. at 60°C

Remote sense compensation

0.5V max

Inhibit input

- TTL/CMOS comp. low active

Control and adjustment

- Vadjust trimmer on front panel

Test points

Vout test point on front panel

Operating indicators

- Led Line OK
- Led Vout OK

Operating temperature

0°C to 60°C

Storage temperature

-20°C to 85°C

Temperature drift

0.01% typ.

Long term stability

Better than 1% after 24 hours

Cooling

Forced ventilation

Dielectric withstand voltage

- Input / P.E.: 2500Vac

Isolation

- Output / P.E.: 2000Vac

Comply with

- EN 50081-1
- EN 61000-6-2
- EN 60950-1
- EN 61000-3-2 Cl.A
- CE

Other features

- Automatic load sharing control
- Alarm: relay contact (isol. 2000V)
- DC input

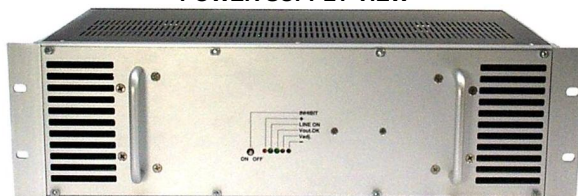
Optional features

- DD - Output decoupl. diode for parallel connection

FEATURES TABLE

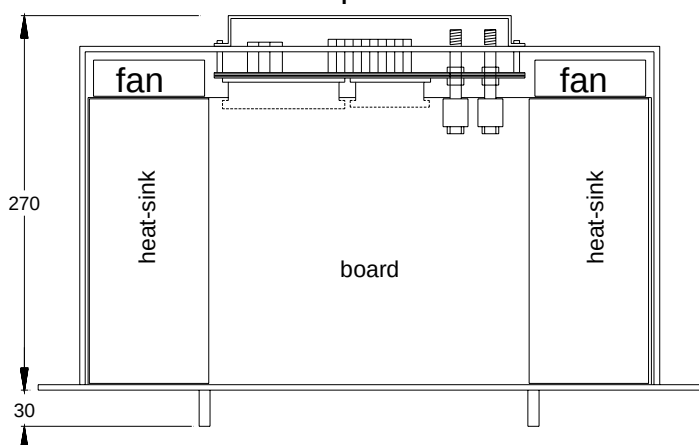
MODEL	Vout nom. Volts	Iout Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷30MHz) % Vout
S1504-R	15	100	±0.1	±0.5	1
S1506-R	24	62.5	±0.1	±0.5	1
S1508-R	48	30	±0.1	±0.5	1
S1509-R	96	15	±0.1	±0.5	1

POWER SUPPLY VIEW

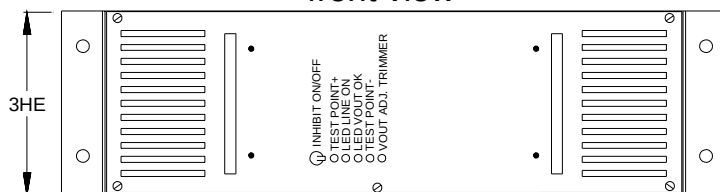


DIMENSIONS AND CONNECTIONS

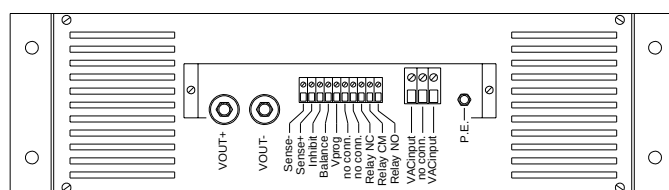
top view



front view



rear view



AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

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