

S1000-R S1200-R range

Revision: 3R17.10.02
Sheet: R990322A

FEATURES

Input voltage

90÷264Vac

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

1000/1200W typ. at 65°C

Remote sense compensation

- 0.5V max

Inhibit input

- TTL/CMOS comp. low active

Operating temperature

0°C to 65°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

Control and adjustment

- Vadjust trimmer on front panel

Test points

Vout test point on front panel

Operating indicators

- Led Line OK
- Led Vout OK

Dielectric withstand voltage

- Input / P.E.: 2500Vac

Isolation

- Output / P.E.: 2000Vac

Comply with

- EN 50081-1
- EN 61000-6-2
- EN 60950
- EN 61000-3-2 C1.A
- CE

Optional features

- DD - Output decoupl. diode for parallel connection

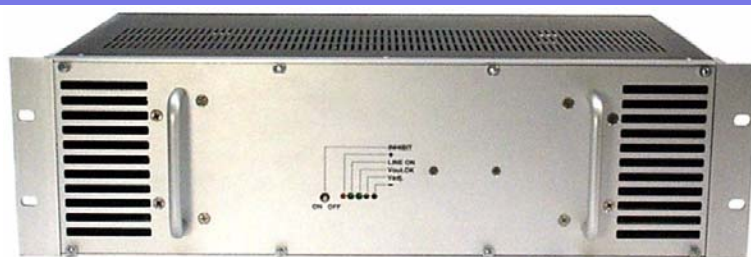
Other features

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

FEATURES TABLE

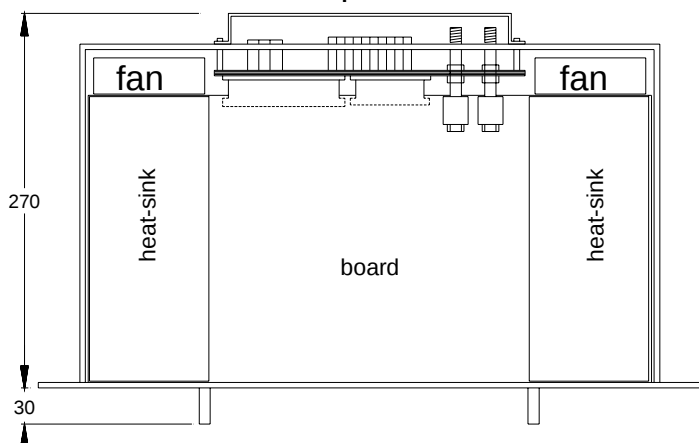
MODEL	Vout nom. Volts	Iout Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷30MHz) % Vout	MODEL	Vout nom. Volts	Iout Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷30MHz) % Vout
S1003-R	12	80	±0.1	±0.5	1	S1203-R	12	100	±0.1	±0.5	1
S1004-R	15	65	±0.1	±0.5	1	S1204-R	15	80	±0.1	±0.5	1
S1006-R	24	40	±0.1	±0.5	1	S1206-R	24	50	±0.1	±0.5	1
S1008-R	48	20	±0.1	±0.5	1	S1208-R	48	25	±0.1	±0.5	1
S1009-R	96	10	±0.1	±0.5	1	S1209-R	96	12	±0.1	±0.5	1

POWER SUPPLY VIEW

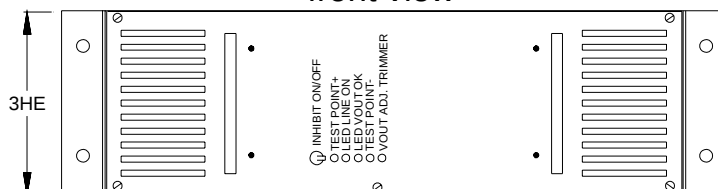


DIMENSIONS AND CONNECTIONS

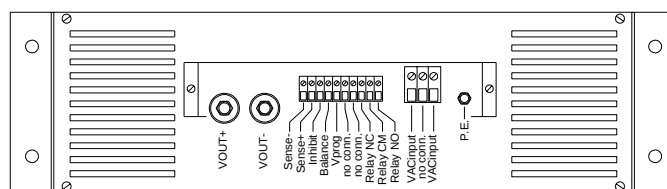
top view



front view



rear view



AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

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