POWER CONTROL SYSTEMS
POWER SUPPLY UNITS

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 Vo + 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.

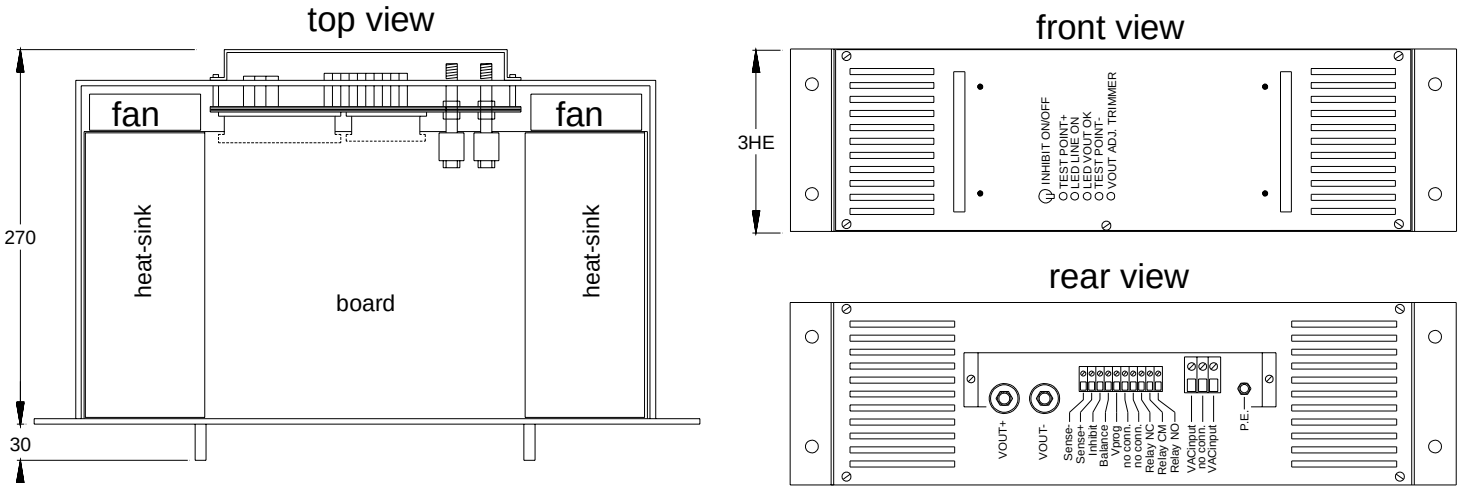
Long term stability
Better than 1% after 24 hours
Cooling
Forced ventilation
Dielectric withstand voltage
• Input / P.E.: 2500Vac
Isolation
• Output / P.E.: 2000Vac
Comply with
• EN 50081-1
• EN 61000-6-2
• EN 60950-1
• EN 61000-3-2 Cl.A
• CE
Other features
• Automatic load sharing control
• Alarm: relay 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



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