

FEATURES

Input voltage

115/230Vac $\pm 15\%$
(jumper selectable on on pcb)

Input frequency

50/60Hz

Efficiency

75% typ. (depending on output voltage)

Switching operating frequency

50KHz ca.

Input protections

- Start-up peak current lim.: 30A at Vin=230Vac
- EMI filter
- Line fuses

Leakage current to GND

Max 2mA at 50Hz

See table for

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

Output protections

- Overload protection
- Short circuit protection
- Overvoltage: at Vo + 25% typ.

Hold up time

15msec min.

Start up time

60msec typ.

Output power

390W (see table)

Remote sense compensation

- 0.5V max

Output signals

- Alarm relay contact (U.V.P)

Operating temperature

0°C to 50°C

Temperature power derating

2%/°C (50÷70°C)

Storage temperature

-20°C to 85°C

Temperature drift

0.01%/°C typ.

Long term stability

Better than 1% after 24 hours

Cooling

Natural convection

Control and adjustment

- Vadjust trimmer on front panel

Test points

Vout test-points on front panel

Operating indicators

- Led Vout OK on front panel

Dielectric withstand voltage

- Input - Output : 3750Vac (on insul.comp.)

- Input - P.E.: 1750Vac

Isolation

- Output - P.E.: 500Vdc

Comply with

- EN 50081-1
- EN 61000-6-2
- EN 60950
- CE

Weight

2200g

Optional features

- DC - DC input for AC-DC units
- DD - Output decoupl. diode for parallel connection
- I - Inhibit input ; inhibits all outputs
- PROG - Programmable Vout

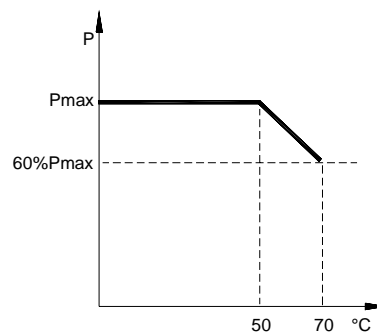
FEATURES TABLE

MODEL	Output Power W	Vout Volts	Output voltage adj. Volts	Iout Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷30MHz) % Vout
S413R	384	12	10.5÷14	32	± 0.1	± 0.5	1
S414R	390	15	14÷17	26	± 0.1	± 0.5	1
S416R	384	24	20÷28	16	± 0.1	± 0.5	1
S417R	396	36	31÷42	11	± 0.1	± 0.5	1
S418R	384	48	41÷52	8	± 0.1	± 0.5	1
S419R	384	96	86÷110	4	± 0.1	± 0.5	1

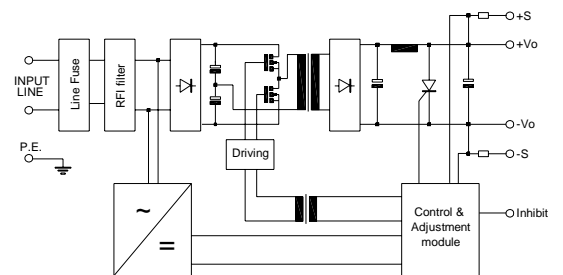
S410-R VIEW



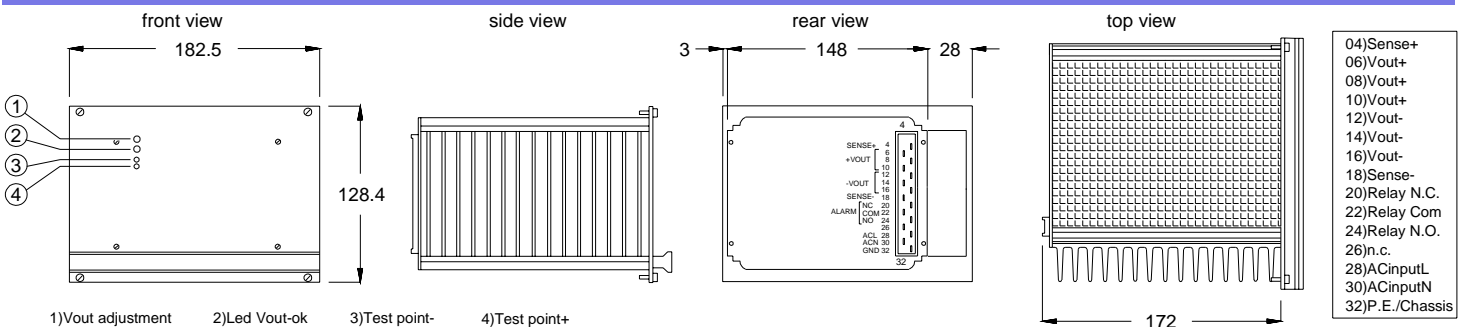
TEMP. POWER DERATING



BLOCK DIAGRAM



DIMENSIONS AND CONNECTIONS



Note: all features are subject to change without notice.