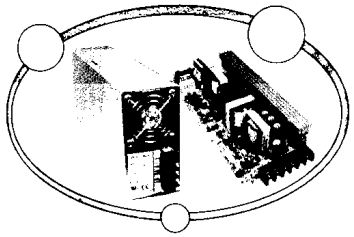
PSP-500 Series Switching Power Supplies



FEATURES

Open frame/ enclosed selectable
Built in inrush current limiting
PFC 0.98@115VAC;0.95@230VAC
Current sharing/ remote control/remote sense/power signal
Short circuit/over load/over voltage/over temp. protection
Parallel/Series operation can reach 3KW

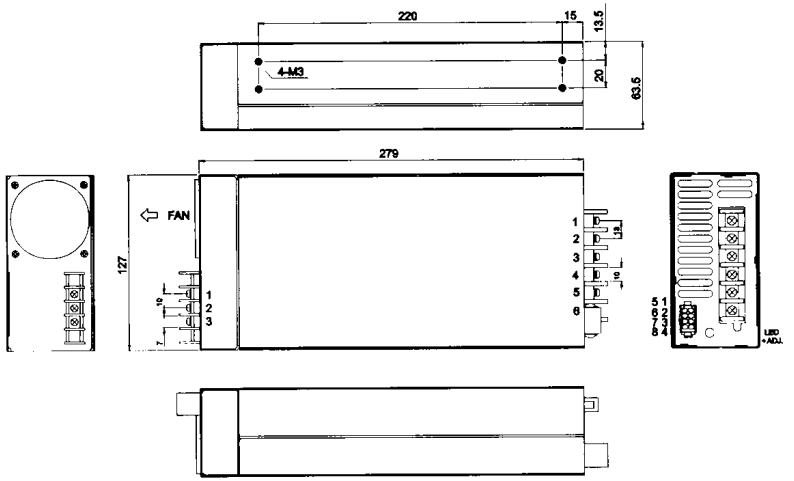
SPECIFICATIONS

- Input voltage.....90~264VAC; 127~370VDC
- Input current/freq. 7A/115V,3.5A/230V;47-63Hz
- Output voltage.....See Model List (±10% ADJ.)
- Inrush current.....20A/115V,40A/230V
- O.L.P. .....105%~125% output constant limiting
- O.V.P. .....115%~140% of output voltage
- Setup,rise,hold up time.....1.5s,50ms,15ms/230VAC
- Withstand voltage: I/P-O/P:3KV, I/P-FG:1.5KV, 1min.
- Working temp.: 0-50°C@100%, -10°C@80%,60°C@80%
- Safety standard..... TUV EN60950, UL1950
- EMC standard.....EN55022 class B, ENV50204 EN61000-4-2,3,4,5,6,8,11; EN61000-3-2,3
- Weight/packing.....2.5kgs/pc;6pcs/16.5kgs/0.8CUFT

Model List

Model No.	Output	Tolerance	R&N	Eff.
PSP-500-5	5VDC/80A	± 2%	100mV	76%
PSP-500-12	12VDC/41.5A	± 1%	200mV	82%
PSP-500-13.5	13.5VDC/37A	± 1%	200mV	82%
PSP-500-15	15VDC/33A	± 1%	200mV	82%
PSP-500-24	24VDC/20.8A	± 1%	200mV	84%
PSP-500-27	27VDC/18.5A	± 1%	200mV	84%
PSP-500-48	48VDC/10.5A	± 1%	240mV	86%

Mechanical Drawing: (mm)



☐ TERMINAL PIN NO. ASSIGNMENT
- ☐ PIN 1,2 : AC INPUT
- ☐ PIN 3 : FG ⏚

☐ TERMINAL PIN NO. ASSIGNMENT
- ☐ PIN 1,2,3 : DC OUTPUT +V
- ☐ PIN 4,5,6 : DC OUTPUT -V

☐ H6657P SERIES PLUG HOUSING
- ☐ PIN 1 : P(CURRENT SHARE)
- ☐ PIN 2 : -S
- ☐ PIN 3 : G
- ☐ PIN 4 : RC-
- ☐ PIN 5 : NC
- ☐ PIN 6 : PF(POWER FAIL SIGNAL)
- ☐ PIN 7 : +S
- ☐ PIN 8 : RC+