

OFSX-1000P SERIES

1000 WATT POWER FACTOR CORRECTED
 ONE TO FOUR OUTPUTS EN60555-2 COMPLIANT
UNIVERSAL INPUT -90 to 264 VOLTS

MADE IN THE U.S.A.



HIGH RELIABILITY GREATER THAN 120,000 HRS. MTBF



FEATURES:

- 100 KHz Operation
- Sizes 8" x 3.38" x 12"
- 75% Efficiency Typical
- Meets EN55022 Level A / FCC Class A
- Isolated Outputs
- Current Share

| TYPICAL MODELS AND THEIR OUTPUT RATINGS: | | | | |
|--|--------|--------|---------|---------|
| MODEL NO. | V1 | V2 | V3 | V4 |
| OFSX-1000T-P | 5/150A | 12/20A | -12/20A | |
| OFSX-1000T-P | 5/150A | -5/20A | | -12/10A |
| OFSX-1000Q-P | 5/150A | 12/20A | -24/10A | 5/10A |
| OFSX-1000D-P | 5/150A | 12/20A | | |

or configure your own output requirements from the chart below:

| | OUTPUT VOLTAGE (VDC) | OUTPUT AMPERS (MAX) | OUTPUT POWER (WATTS) |
|----|----------------------|---------------------|----------------------|
| V1 | 2 to 48 | 200 | 1000 |
| V2 | 2 to 48 | 20 | 250 |
| V3 | 2 to 48 | 20 | 250 |
| V4 | 5 to 48 | 10 | 120 |

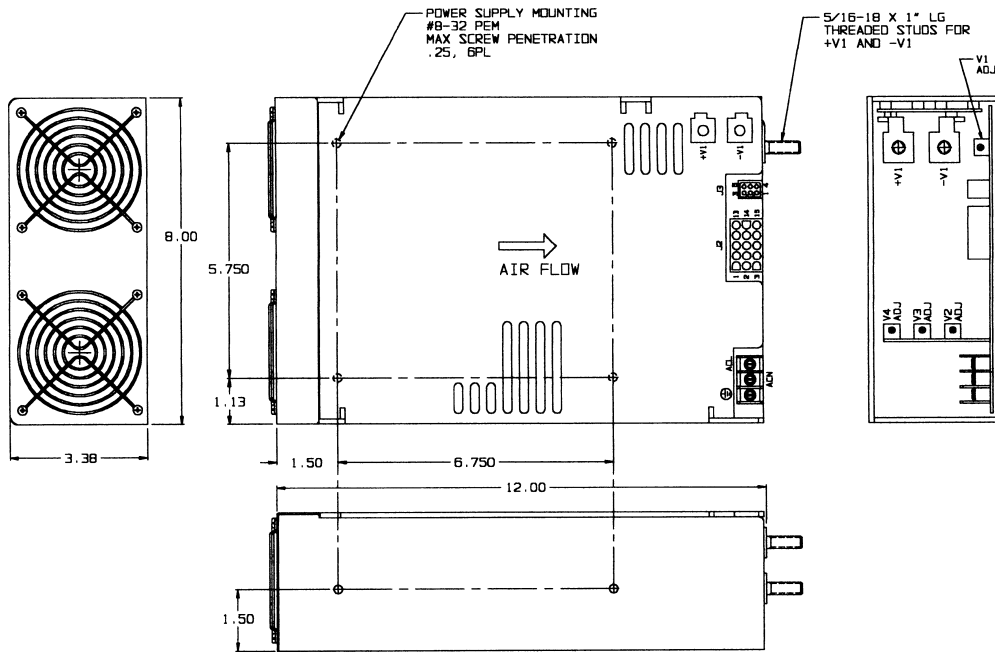


3601 VETERANS HIGHWAY
 RONKONKOMA, NEW YORK 11779
 TEL (516) 981-7231 FAX (516) 981-7266

VISIT US ON THE WEB:
<http://www.switchpwr.com>

OFSX-1000P SERIES 1000 WATT COMPACT SIZE

IN PDF FORMAT PRINT OR ZOOM TO SEE DRAWING



NOTE:
1. TOTAL OUTPUT POWER NOT TO EXCEED 1000 WATTS.

| FEATURES | OUTPUT VOLTAGE (VDC) | OUTPUT AMPS | OUTPUT POWER |
|------------------------------|----------------------|-------------|--------------|
| SIZE 8"X3.38"X12" | V1 2 TO 24 | 150 | 750 |
| 80% EFFICIENCY TYPICAL | V2 2 TO 24 | 20 | 240 |
| EMI EN55022/FCC A CAPABILITY | V3 2 TO 24 | 20 | 240 |
| POWER FACTOR CORRECTED | V4 2 TO 24 | 10 | 120 |
| ISOLATED OUTPUTS | | | |
| CURRENT SHARE | | | |

| | | | |
|--|---|-----------------------------------|--|
| Nominal Input Voltage | 115-240 VAC. | Overvoltage Protection | V1 voltage clamp factory set at 20% to 30% above output voltage. V2, V3, V4 failsafe design. |
| Frequency | 47-63 Hz 400Hz. available. | Overtemperature Protection | Unit shuts down if overheated. Automatic recovery. |
| Operational Input Voltage Range | 90 to 264 VAC | Cooling | Equipped with fan or user provides min. 80CFM. |
| Inrush Current | Less than 50 A for 5 msec. @ 115 VAC, or 80 amperes @ 230 VAC. | Input/Output Isolation | 4242 VDC, SELV construction. |
| Fusing | 20 Ampere, 250 VAC, Internal ceramic body fuse. | Remote Sense | Up to 0.5 volts total in load. |
| Efficiency | 75% typical. | V1 Output | |
| Turn on time | Less than 500 msec. | Remote On/Off | Standard - Open to run. |
| Load Regulation | 1% for 10% to 100% load changes, all outputs. 10% min. load required on V1 for max load reg. on outputs V2 to V4. | Power Good or Power Fail | Standard - Norm logic "1". |
| Line Regulation | ± 0.5% over operating line range, all outputs. | Operating Temperature | -20°C to 50°C full output. 50°C to 75°C, derate 2%/°C. |
| Ripple & Noise | 1% ripple, 1% noise or 100MV which ever is greater. 20MHz bandwidth. | Stability | All outputs 0.5% for 8 hrs. after 1 hour warm-up. |
| Transient Response | Output maximum excursion of ± 5% for 25% load step. Recovery less than 500 µsec. | Humidity | Up to 95% non-condensing. |
| Short Circuit and Overload Protection | All outputs are protected from short circuit and overload. Automatic recovery. | EMI | Meets FCC Class A and EN55022 Level A |
| Overshoot | No turn-on or turn-off overshoot. | Size | 8" by 3.38" x 12". |
| | | Weight | 16 lbs. |
| | | Safety | UL 1950, CSA 950-95, EN60950. |

SERIES BREAKDOWN: OFSX-1000S- P ONE OUTPUT
 OFSX-1000D-P TWO OUTPUT

OFSX-1000T-P THREE OUTPUT
OFSX-1000Q-P FOUR OUTPUT

EXAMPLE: OFSX-1000T-P; THREE OUTPUT
 SPECIFY OUTPUT VOLTAGES, CURRENTS AND OTHER OPTIONS.