SH SERIES
1000 to 2000 WATTS MAX*
SINGLE OUTPUT

MADE IN THE U.S.A.

SWITCHING POWER, INC.
Regulated D.C. Power

HIGH RELIABILITY GREATER THAN 100,000 HRS. MTBF

Configure Your Output Requirements:
Choose from four power levels:

OUTPUT VOLTAGE (VDC)	OUTPUT AMPERS (MAX)	OUTPUT POWER (WATTS)
2 to 48	200	1000
2 to 48	250	1250
2 to 48	300	1500
*24 to 48	83	2000

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*IN .PDF FORMAT, PRINT OR ZOOM TO SEE DRAWING
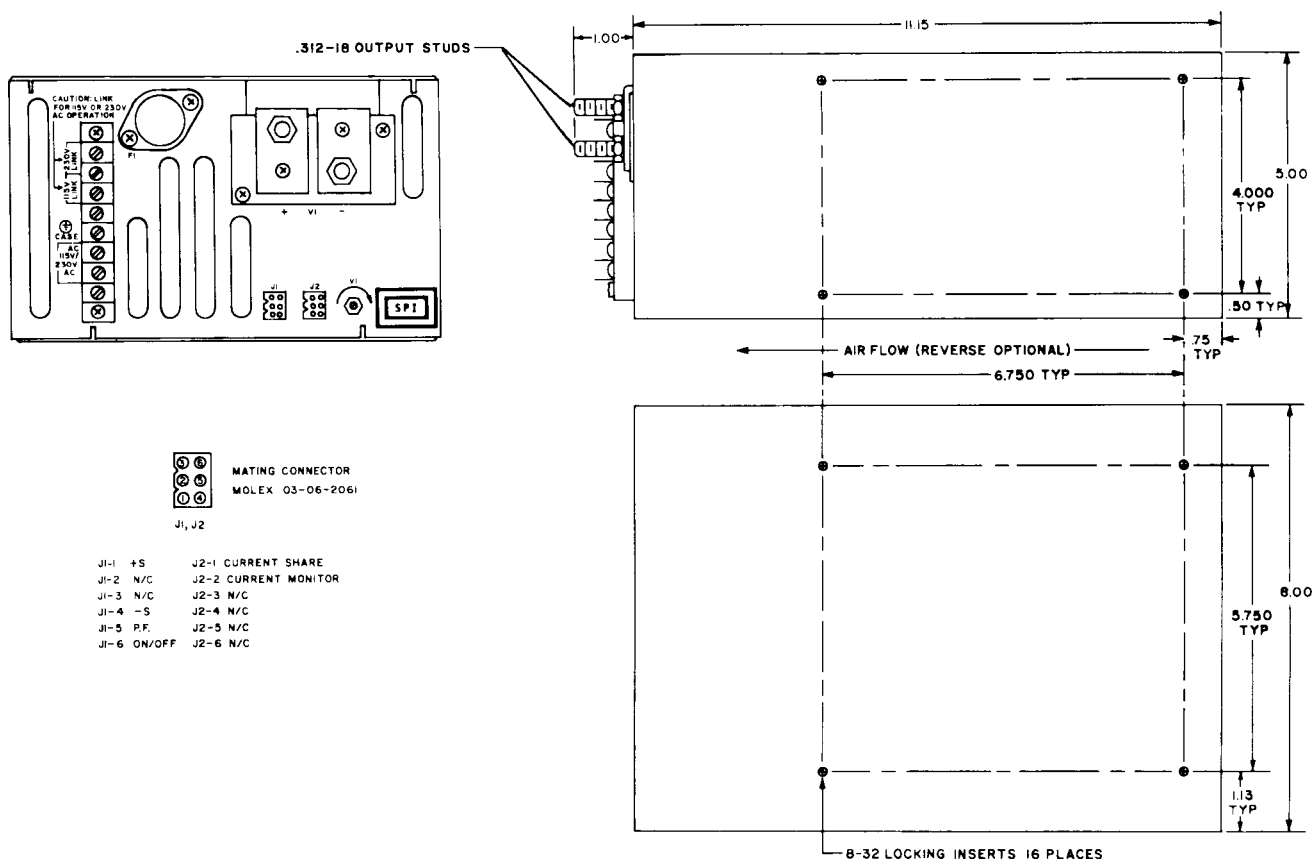
Nominal Input Voltage	115/230 VAC (User Selectable)	
Frequency	47-63 Hz 400Hz. available.	
Operational Input Voltage Range	90 to 132 VAC or 180 to 264 VAC.	
Inrush Current	Less than 4 msec 80 amperes @ 115 VAC, or 160 amperes @ 230 VAC.	
Fusing	User Accessible. Fibre body fuse.	
Efficiency	70% typical.	
Turn on time	Less than 200 msec.	
Load Regulation	0.5% for 10% to 100% load changes.	
Line Regulation	± 0.5% over operating line range.	
Ripple & Noise	1% of output voltage, peak to peak.	
Transient Response	Output maximum excursion of ± 5% for 25% load step. Recovery less than 500 µsec.	
Short Circuit and Overload Protection	Output protected from short circuit and overload. Automatic recovery.	
Overshoot	No turn-on or turn-off overshoot.	
Overvoltage Protection	Voltage clamp factory set at 20% to 30% above output voltage.	

Overtemperature Protection	Unit shuts down if overheated. Automatic recovery.
Cooling	Internal fan provides cooling.
Input/Output Isolation	3750 VAC, SELV construction.
Remote Sense	Up to 1.2 volts total in load.
Remote On/Off, Current Share, Power Fail	Standard .
Operating Temperature	-20°C to 50°C full output. 50°C to 75°C, derate 2%/°C.
Stability	0.5% for 8 hrs. after 1 hour warm-up.
Humidity	Up to 95% non-condensing.
EMI	Meets FCC Class A and EN55022 Level A
Size	5.0" by 8.0" x 11.15"
Weight	16.5 lbs.

HOW TO ORDER: Specify Model **SH-X1-X2-U**

Where:
X1 = output voltage
X2 = output current
Example: SH-5-300-U   5VDC @ 300A