

SUN-450

DUAL -48VDC INPUT

350 WATTS

DESIGNED FOR HIGH RELIABILITY SERVER APPLICATIONS

MADE IN THE U.S.A.

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HIGH RELIABILITY GREATER THAN 250,000 HRS. MTBF



FEATURES:

- 150 KHz Operation
- Sizes 8.89" x 4.13" x 8.54"
- 70% Efficiency Typical
- Redundant -48VDC Inputs
- High current 5V and 3.3V outputs
- Programmable 2.5V output from 1.8V to 3.3V.
- Meets EN55022 Level A / FCC Class A
- Meets NEBS Compliance GR-1089-CORE
- Safety certified to a 65 °C ambient

	OUTPUT VOLTAGE (VDC)	OUTPUT AMPERS (MAX)
V1	3.3	50
V2	5	35
V3	12	6
V4	-12	1
V5	2.5	28

EAST COAST:

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

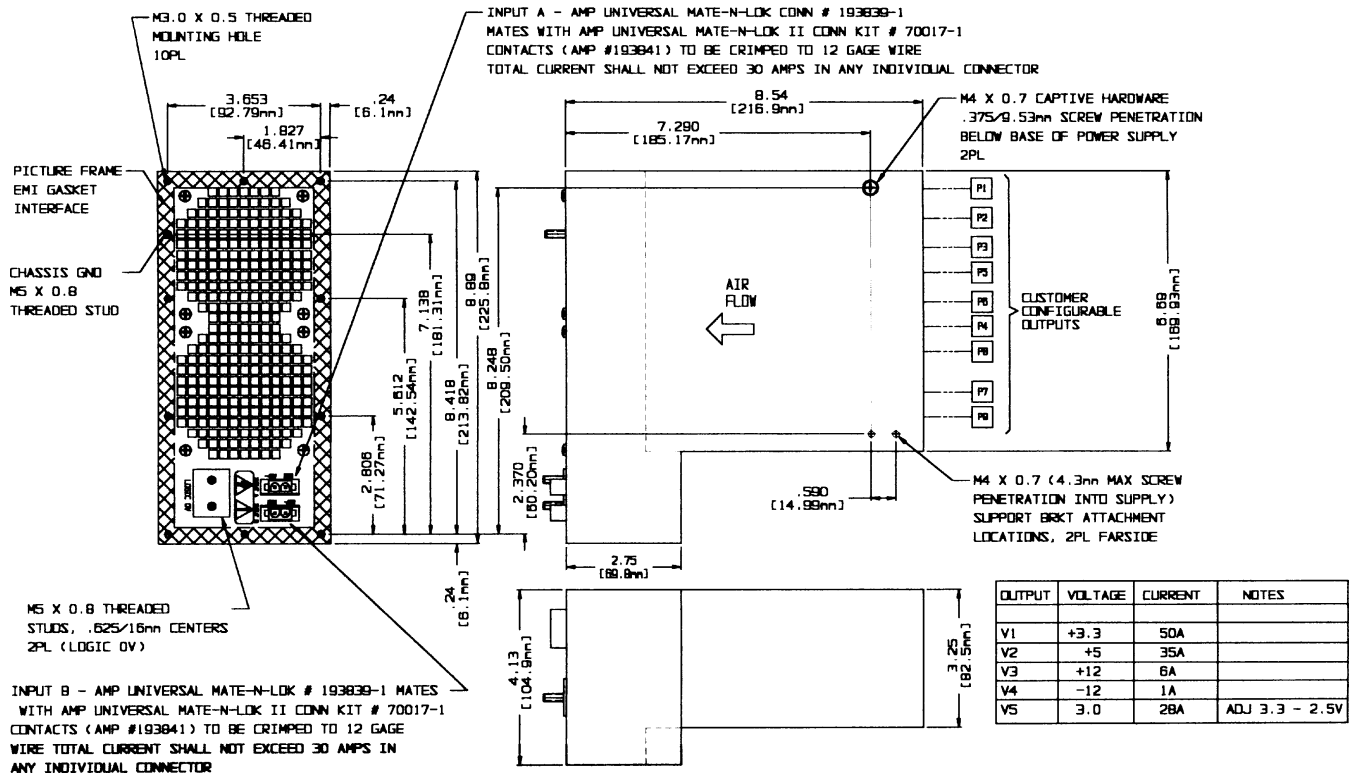
WEST COAST:

599 N. MATHILDA AVENUE
SUNNYVALE, CALIFORNIA 94086
TEL (408) 732-1230 FAX (408) 732-5712



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*IN .PDF FORMAT, PRINT OR ZOOM TO SEE DRAWING



Nominal Input Voltage	2 x -48VDC	Overtemperature Protection	Unit shuts down if overheated.
Operational Input Voltage Range	-40 to -75 VDC Transients to 140V for 10 Sec.	Cooling	Equipped with integral fans.
Inrush Current	Less than 50 A for 5 usec.	Input/Output Isolation	2828 VDC, SELV construction.
Fusing	15 Ampere, 125 VDC, Internal ceramic body fuse. Each input is fused.	Remote Sense V1, V2, V5 Outputs	Up to 0.5 volts total in load.
Efficiency	70% typical.	Remote ON/OFF	Standard - Open to run.
Turn on time	Less than 500 msec.	Power Good	Standard - Norm logic "1" Monitors all outputs.
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 V5.	Power Fail	Standard - Norm logic "1" Monitors input.
Line Regulation	± 0.5% over operating line range, all outputs.	Operating Temperature	-20°C to 65°C full output. 65°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. Unit shuts down.	EMI	Meets FCC Class A and EN55022 Level A
Overshoot	No turn-on or turn-off overshoot.	Safety	UL 1950, CSA No. 950, EN 60950
Overvoltage Protection	All outputs protected. Unit shuts down.	NEBS	Meets GR-1089-CORE Safety and EMC. Certified in end-product per SR-3850 1st ed.
		Size	8.89" by 4.13 x 8.54".
		Weight	9 lbs.