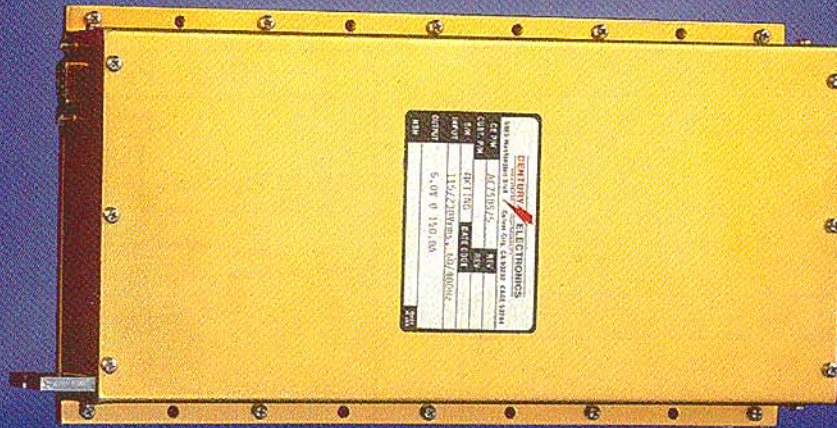


AC750 Series High Power Power Supplies

Including EMI Per MIL-STD-461



◆ COMMERCIAL(COTS)

◆ QUASI-MIL

◆ MILITARY

AC750 SERIES FEATURES

- Wide Input Range 115/230 Vrms, 60/400 Hz
- Low profile - 1.85"
- High Efficiency - 75 To 80%
- High Density - 7.5 Watts/In³
- Regulation, Less Than 0.5%
- Noise, Less Than 2%
- O.V.P. On Output(s)
- Repairable
- Isolation: 500V Between Input, Output & Case
- Operating Temp: -55°C To +85°C
- EMI Filtering Per MIL-STD-461
- Remote Sense On Output(s)
- High Switching Frequency
- Current Mode Control
- Environment Per MIL-STD-810
- Short Circuit Protection

CENTURY  **ELECTRONICS**

DEDICATED TO HIGH RELIABILITY

5701 Lindero Canyon Road, 1-100
Westlake Village, California 91362

Phone: (818)706-8224
Fax: (818)706-8226

AC750 Series

AC To DC Power Supplies

Century Electronics to combine the latest in power supply design in order to achieve a power system capable of addressing the most complex requirements.

The ever increasing growth in technology has lead to the introduction of the AC750 Series. The AC750 Series features field proven Current Mode, Full-Bridge topology utilized in Weather Radar Systems, Telecommunications, Computer Applications, Navigation and Intelligence Systems. The AC750 Series exemplifies the capability of

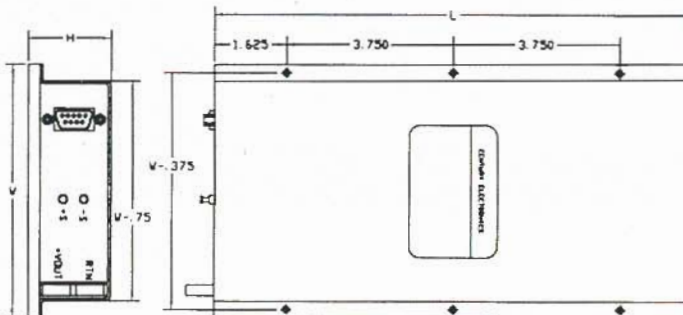
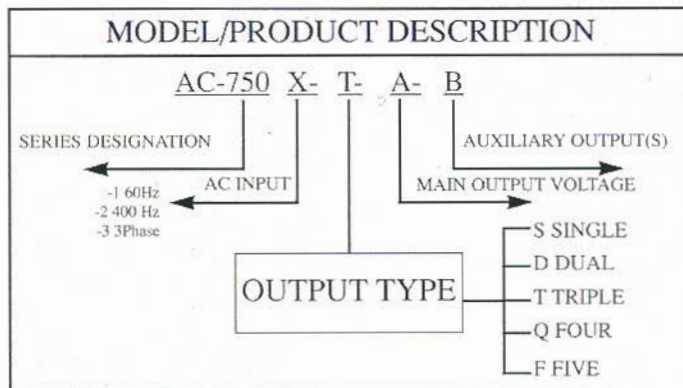
MODELS	DC OUTPUTS						
	SINGLE OUTPUT	VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS
AC750XS-5		5.0	150.0				
AC750XS-12		12.0	63.0				
AC750XS-15		15.0	50.0				
AC750XS-24		24.0	34.0				
AC750XS-28		28.0	30.0				
AC750XS-48		48.0	16.0				

DUAL OUTPUT	OUTPUT 1		OUTPUT 2	
	VOLTS	AMPS	VOLTS	AMPS
AC750XD-5-5	5.0	140.0	5.0	10.0
AC750XD-5-12	5.0	140.0	12.0	6.0
AC750XD-5-15	5.0	140.0	15.0	5.0
AC750XD-5-24	5.0	140.0	24.0	3.0
AC750XD-5-28	5.0	140.0	28.0	2.5
AC750XD-12-12	12.0	58.0	12.0	6.0
AC750XD-12-15	12.0	58.0	15.0	5.0
AC750XD-12-24	12.0	58.0	24.0	3.0
AC750XD-12-28	12.0	58.0	28.0	2.5
AC750XD-15-15	15.0	46.0	15.0	5.0
AC750XD-15-24	15.0	46.0	24.0	3.0
AC750XD-15-28	15.0	46.0	28.0	2.5
AC750XD-24-24	24.0	29.0	24.0	3.0
AC750XD-24-28	24.0	29.0	28.0	2.5
AC750XD-28-28	28.0	25.0	28.0	2.5

TRIPLE OUTPUT	OUTPUT 1		OUTPUT 2		OUTPUT 3	
	VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS
AC750XT-5-12	5.0	120.0	12.0	6.0	12.0	6.0
AC750XT-5-15	5.0	120.0	15.0	5.0	15.0	5.0
AC750XT-5-24	5.0	120.0	24.0	3.0	24.0	3.0
AC750XT-5-28	5.0	120.0	28.0	2.5	28.0	2.5
AC750XT-12-15	12.0	50.0	15.0	5.0	15.0	5.0
AC750XT-15-12	15.0	40.0	12.0	6.0	12.0	6.0
AC750XT-24-15	24.0	25.0	15.0	5.0	15.0	5.0
AC750XT-28-15	28.0	22.0	15.0	2.5	15.0	2.5

FOUR OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4
	WATTS	WATTS	WATTS	WATTS
AC750Q-A-B	525 WATTS	75 WATTS	75 WATTS	75 WATTS

FIVE OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4	OUTPUT 5
	WATTS	WATTS	WATTS	WATTS	WATTS
AC750XF-A-B	450 WATTS	75 WATTS	75 WATTS	75 WATTS	75 WATTS



MODEL	DIMENSIONS (In.)			WEIGHT (Lbs.)
	L	W	H	
AC750XS	10.75	5.75	1.85	6.5
AC750XD	10.75	6.50	1.85	7.5
AC750XT	10.75	7.25	1.85	8.5
AC750XQ	10.75	8.00	1.85	9.5
AC750XF	10.75	8.75	1.85	10.5

SPECIFICATIONS

<i>Altitude:</i>	MIL-STD-810	<i>Inspection System:</i>	MIL-I-45208	<i>Soldering:</i>	MIL-STD-2000
<i>Design Guidelines:</i>	NAVMAT-P4855-1A	<i>Marking:</i>	MIL-STD-130	<i>Transformers:</i>	MIL-T-27
<i>EMI:</i>	MIL-STD-461/2	<i>Quality Program:</i>	MIL-Q-9858/ISO9001	<i>Vibration:</i>	MIL-STD-810
<i>Humidity:</i>	MIL-STD-810	<i>Reliability:</i>	MIL-HDBK-217	<i>Shock:</i>	MIL-S-901
<i>Input Transient:</i>	MIL-STD-704	<i>Shock:</i>	MIL-S-901	<i>Workmanship/Soldering:</i>	MIL-STD-2000

Century Electronics is a Custom, Semi-Custom and Standard Designer and Manufacturer of High Reliability Military, Aerospace and Industrial Application Power Supplies, Converters and Inverters. Century offers a complete line of MIL-Environment, Industrial, Commercial and Custom Power Supplies. For your power supply requirements, please call (818)706-8224 or fax (818)706-8226 or write to Century Electronics: (Your Inquiry & Specifications Will Receive Immediate Attention.)

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