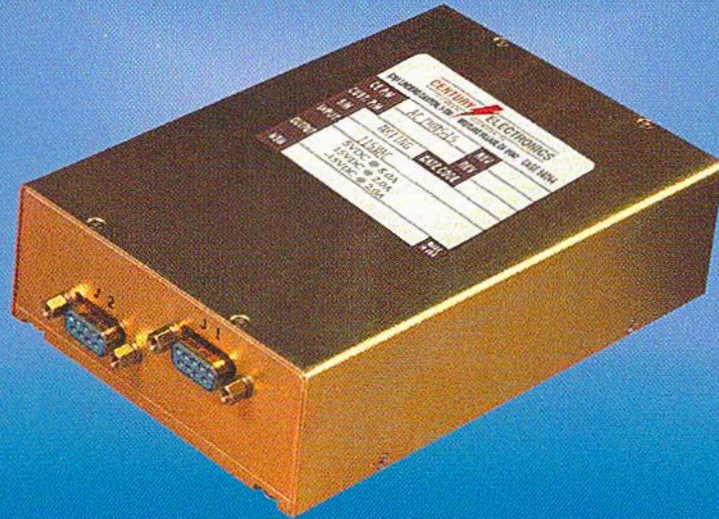


AC To DC Power Supplies AS100 Series

100 Watt Single, Dual and Triple



◆ COMMERCIAL(COTS)

◆ QUASI-MIL

◆ MILITARY

AS100 SERIES FEATURES

SINGLE & MULTIPLE OUTPUTS 50 TO 100 WATTS, 2 TO 48 VOLTS

- Input Range: 105-121 Vac
- EMI Filtering Per MIL-STD-461
- Single or Three Phase Input
- Isolated Outputs
- High MTBF Calculations
- Regulation, Less Than 0.1%
- High Switching Frequency
- Environmental Per MIL-STD-810
- Current Mode PWM Control
- Standard Off-the-Shelf Delivery

QUALITY, PERFORMANCE AND VALUE

- ESS and Dynamic Burn-in
- High Efficiency
- Current Limiting On Outputs
- Convection Cooling
- Overvoltage Protection
- Power Good Indication
- Low Output Noise, Less Than 50 mVp-p
- Operating Temp: -40°C to +85°C
- Fast Connect / Disconnect Connectors
- Fully Repairable

CENTURY  **ELECTRONICS**

DEDICATED TO HIGH RELIABILITY

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

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

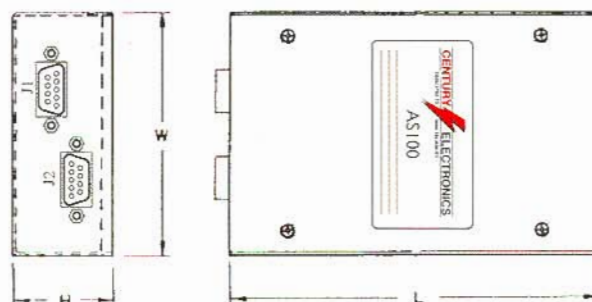
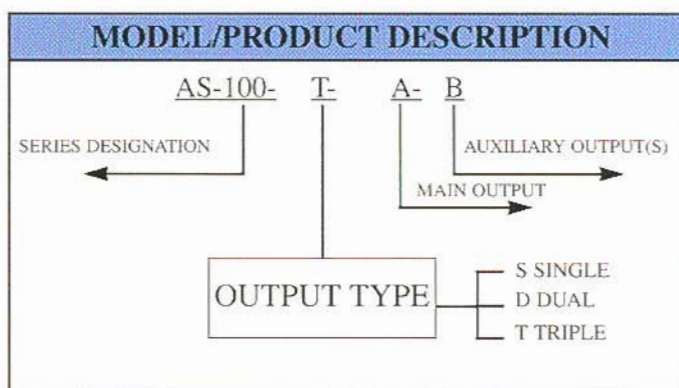
AS100 Series

AC To DC Power Supplies

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

The AS100 Series features proven Current Mode, forward topology utilized in the F-117 Stealth Fighter, Telecommunications, Computer applications, Navigation and Intelligence systems. The AS100 Series exemplifies the capability of Century Electronics to

MODELS		DC OUTPUTS				
SINGLE OUTPUT	VOLTS	AMPS	VOLTS	AMPS	VOLTS	AMPS
AS100S-5	5.0	10.0				
AS100S-12	12.0	4.0				
AS100S-15	15.0	3.0				
AS100S-24	24.0	2.0				
AS100S-28	28.0	1.5				
AS100S-48	48.0	1.0				
DUAL OUTPUT		OUTPUT 1		OUTPUT 2		
AS100D-5-5	5.0	10.0	-5.0	2.0		
AS100D-5-12	5.0	10.0	12.0	2.0		
AS100D-5-15	5.0	10.0	15.0	2.0		
AS100D-5-24	5.0	10.0	24.0	1.4		
AS100D-5-28	5.0	10.0	28.0	1.2		
AS100D-12-12	12.0	4.0	-12.0	2.0		
AS100D-12-15	12.0	4.0	15.0	2.0		
AS100D-12-24	12.0	4.0	24.0	1.4		
AS100D-12-28	12.0	4.0	28.0	1.2		
AS100D-15-15	15.0	3.0	-15.0	2.0		
AS100D-15-24	15.0	3.0	24.0	1.4		
AS100D-15-28	15.0	3.0	28.0	1.2		
AS100D-24-24	24.0	2.0	-24.0	1.4		
AS100D-24-28	24.0	2.0	28.0	1.2		
AS100D-28-28	28.0	1.5	-28.0	1.2		
TRIPLE OUTPUT		OUTPUT 1		OUTPUT 2		OUTPUT 3
AS100T-5-12	5.0	8.0	+12.0	2.0	-12.0	2.0
AS100T-5-15	5.0	8.0	+15.0	2.0	-15.0	2.0
AS100T-5-24	5.0	8.0	+24.0	1.2	-24.0	1.2
AS100T-5-28	5.0	8.0	+28.0	1.1	-28.0	1.1
AS100T-12-15	12.0	3.3	+15.0	2.0	-15.0	2.0
AS100T-15-12	15.0	2.6	+12.0	2.0	-12.0	2.0
AS100T-24-15	24.0	1.7	+15.0	2.0	-15.0	2.0
AS100T-28-15	28.0	1.4	+15.0	2.0	-15.0	2.0



MECHANICAL TABLE				
MODEL	DIMENSIONS (In.)			WEIGHT (LBs.)
	L	W	H	
AS100	6.00	4.00	1.60	< 1.7

SPECIFICATIONS

<i>Quality Program:</i>	MIL-Q-9858	<i>Altitude:</i>	MIL-STD-810	<i>Transformers:</i>	MIL-T-27
<i>Inspection System:</i>	MIL-I-45208	<i>Marking:</i>	MIL-STD-130	<i>Shock:</i>	MIL-STD-901
<i>Input Transient:</i>	MIL-STD-704	<i>Vibration:</i>	MIL-STD-810	<i>Reliability:</i>	MIL-HDBK-217
<i>Design Guidelines:</i>	NAVMAT-P4855-1	<i>Humidity:</i>	MIL-STD-810	<i>EMI:</i>	MIL-STD-461/2
				<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 Transformers. Century offers a complete line of MIL-Environment, Industrial, Commercial and Custom Power Supplies. Please call (818)706-8224 or fax (818)706-8226 or write to Century Electronics: (Your Inquiry & Specifications Will Receive Immediate Attention.)

All specifications subject to change without notice

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AS100-297