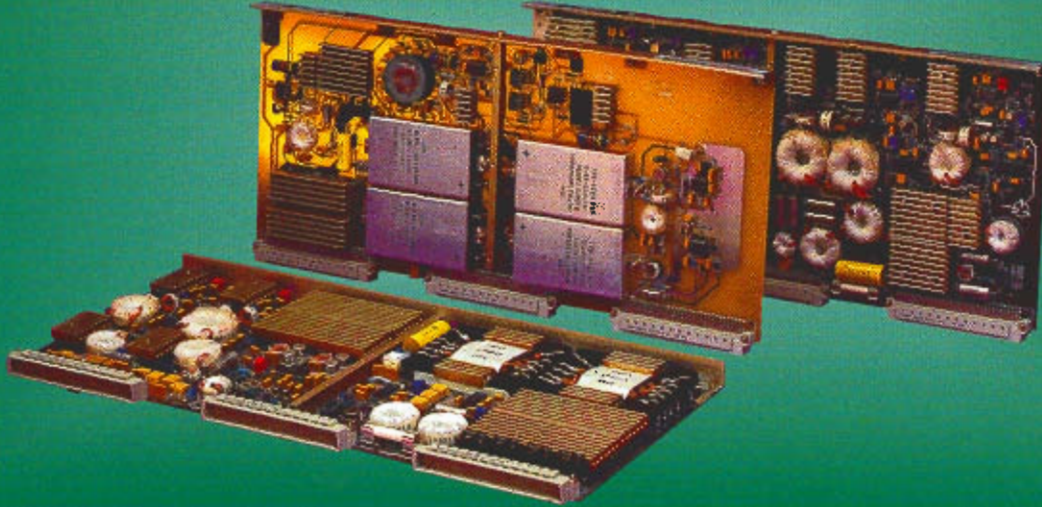


The "9U VME" AC/DC & DC/DC Modular Multiple Output Power Supply & Converter Systems



◆ LOW COST (COTS)

◆ LOW PROFILE

◆ HIGH POWER

VME 9U 2000 SERIES FEATURES

SINGLE & MULTIPLE OUTPUTS UP TO 2000 WATTS, 5 TO 70 VOLTS

- Wide Input Range
- In Rush Current Limit
- Remote Turn-On
- MTBF Greater than 100,000 Hours
- Regulation, Less Than 2%
- High Switching Frequency
- Environmental Per MIL-STD-810
- Current Mode PWM Control
- Short Circuit Protection
- ESS and Dynamic Burn-In

QUALITY, PERFORMANCE AND VALUE

- High Efficiency, Greater than 80%
- Current Limiting On Outputs
- Remote Sense On Outputs
- Programmable Output Voltages
- Isolation: 500V Between Input/Output, Input/Case
- Overvoltage Protection
- Low Output Noise, Less than 2%
- Operating Temp: 0°C + 50°C
- 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

VME 9U2000 Series

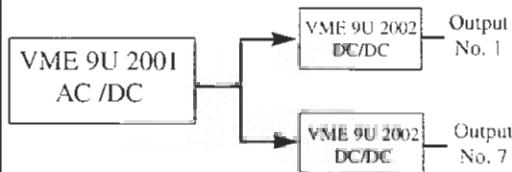
AC/DC & DC/DC Multiple Output Power Supply & Converter Systems

The *VME 9U2000 Series* is Century Electronics' latest solution for complex and reliable power system capabilities for a variety of ground, ship, and airborne applications. The *VME 9U2000 Series* is a culmination of many years experience in the design and production of major power systems. *VME 9U2000* is currently available as an AC/DC Module and DC/DC Converters providing for a Mix and Match Output Capability of 1-7 Outputs and up to a power level of over 2,000 Watts. Thus, making this the ideal proven core power system for the most demanding requirements at a low cost.

VME 9U2001 AC/DC VME Module

INPUT: 115 VAC 30 57-440 Hz
 OUTPUT: 128-210 VDC, 16 AMP
 EFFICIENCY: > 95 %

Basic VME Power System



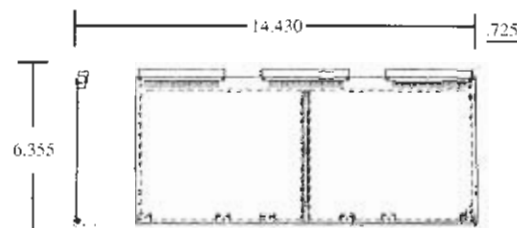
VME 9U2002 DC/DC VME Module

MODELS	DC OUTPUTS							
	Volts	Amps	Volts	Amps	Volts	Amps	Volts	Amps
SINGLE OUTPUT								
VME9U2002S-5	5.0	370						
VME9U2002S-12	12.0	154						
VME9U2002S-15	15.0	123						
VME9U2002S-24	24.0	77						
VME9U2002S-28	28.0	66						
VME9U2002S-48	48.0	38						
VME9U2002S-70	70.0	26						
DUAL OUTPUT	OUTPUT 1	OUTPUT 2						
VME9U2002D-	1500 WATTS	300 WATTS						
TRIPLE OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3					
VME9U2002T-	1500 WATTS	180 WATTS	115 WATTS					
FOUR OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4				
VME9U2002D-	1500 WATTS	180 WATTS	115 WATTS	60 WATTS				
FIVE OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4	OUTPUT 5			
VME9U2002D-	1375 WATTS	180 WATTS	125 WATTS	115 WATTS	60 WATTS			
SIX OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4	OUTPUT 5			
VME9U2002D-	1250 WATTS	180 WATTS	125 WATTS	125 WATTS	60 WATTS			
SEVEN OUTPUT	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4	OUTPUT 5	OUTPUT 6	OUTPUT 7	
VME9U2002Z-	1125 WATTS	180 WATTS	125 WATTS	125 WATTS	125 WATTS	115 WATTS	60 WATTS	

Also available is a 6U, VME 200 watt DC/DC Converter. (See VME 200 series data sheet.)



MECHANICAL TABLE



SPECIFICATIONS

Altitude:	MIL-STD-810
Design Guidelines:	NAVMAT-P4855-1A
EMI:	MIL-STD-461/2
Humidity:	MIL-STD-810
Inspection System:	MIL-I-45208
Input Transient:	MIL-STD-704
Marking:	MIL-STD-130
Quality Program:	MIL-Q-9858 & ISO9001
Reliability:	MIL-HDBK-217
Shock:	MIL-S-901
Soldering:	MIL-STD-2000/A
Transformers / Inductors:	MIL-T-27
Vibration & Shock:	MIL-STD-810
Workmanship Guidelines:	MIL-STD-454

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.)

All specifications subject to change without notice.

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VME-9U2000-2/97