



DataMetrics™

6000 18 SLOT VME CHASSIS



Key Features

- Qualified to MIL-STD-810E/461E
- 18 Slot VME Backplane and Card Cage
- Internal Environmental Monitor and Control
- LCD Display with system parameters
- Customer Definable Configurations

Model 6000 18 Slot VME Chassis

The Mission critical VME Chassis, available in many configurations, is specifically designed to operate in harsh environments in accordance with the following specifications. Please contact your local sales representative to determine your exact configuration.



*Simulated Image

Fully Mission Capable™

Environmental Characteristics

Temperature	Operating: -25°C to 55°C Storage: -40°C to 70°C
Humidity	10% to 95%, Non-condensing
Explosive Atmosphere	MIL-STD-810E, Method 511.3
Fungus	MIL-STD-810E, Method 508.4
Orientation	±45° from horizontal, any axis
Vibration	.5g Sinusoidal and Random per MIL-STD-810E, Method 514.4, Procedure I
Shock	MIL-STD-810E, Method 516.4, Procedure VI Operating: 15G Non-operating: 20G
Altitude	Operating: 15,000 ft. Non-operating: 50,000 ft.
EMI/EMC	MIL-STD-461E, CE01, CE03, CS01, CS02, CS06, RE02, RS02, RS03
ESD	MIL-STD-1686A

Performance Characteristics

Backplane	18 Slot VME – Single or Multiples
I/O Panels	Rear panel for both P2 and Face Plate Connections
Cooling	Convection Cooled – Maximum 280 CFM, Fans are environmentally speed controlled
Temperature Sensing	System monitor constantly measures selected temperature points
Power Supply	System monitor constantly measures input AC voltage and DC voltage outputs
Peripheral Bay	Configurable with up to 8 peripherals
Hard Drives	Hot swappable (SCSI-UW compatible)

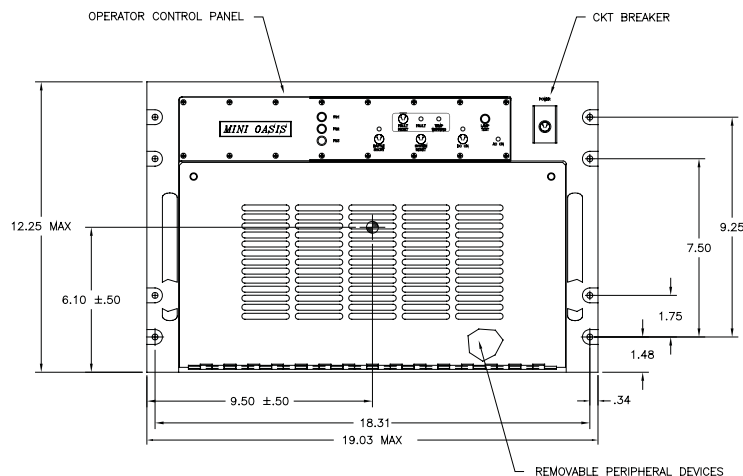
Electrical Characteristics

Power – Standard	Three phase WYE and DELTA 95 - 125 Vac, 47 - 440 Hz
Power – Options	Single Phase Autoranging 95 - 240 Vac, 47 - 440 Hz; +18 - 32 Vdc (optional)
DC Outputs	+5 Vdc @ 70A, +12 Vdc @ 20A, -12 Vdc @ 10A
Voltage Holdup	Per MIL-STD-704A, 50ms for 650W Load
Power Consumption	1,000W Max (ac) – 600W Max (dc)

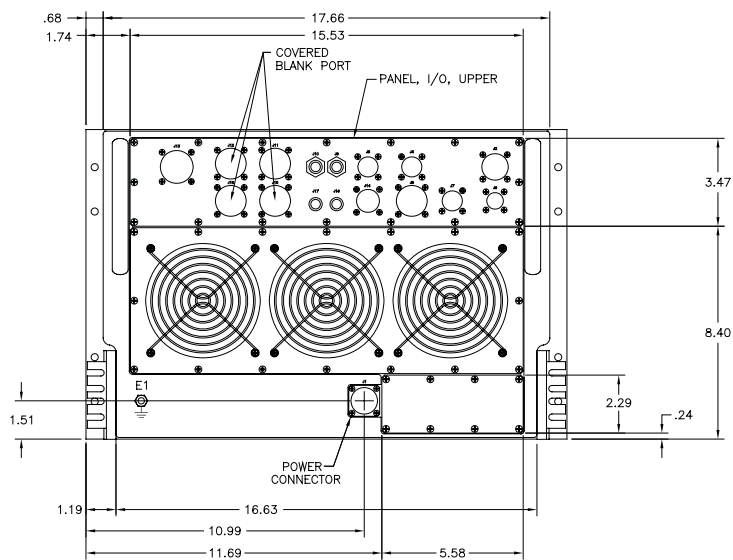
Physical Characteristics

Size	12.25 in. H x 19 in. W x 24 in. D (31cm H x 48cm W x 61cm D) others available
Weight	75 lb. Aluminum Chassis (34 Kg)

Front View



Back View



Ordering Information

Contact DataMetrics™ for specifications and options.