



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

# 7U VME Powered Enclosure

## Versatile Multi-Configuration Production Enclosure

### Features

- ◆ Dimensions: 7U H x 19" W x 16.35" D
- ◆ Provision for mounting up to 2 full-height 5-1/4" peripherals; power harness for 4 peripherals
- ◆ Choice of 2 to 13-slot VMEbus backplane with manual Bus Grant and IACK jumpering, or 3-13 slot VMEbus backplane with automatic Bus Grant and IACK daisy chain/jumpering (standard)
- ◆ Shrouds on all P2 connectors
- ◆ Four Transition Module slots
- ◆ Three DC cooling fans (standard) coupled with bottom-to-top air path and perforations in the top cover above the board area results in SUPERIOR COOLING
- ◆ Front panel main power switch/circuit breaker
- ◆ Choice of 350W to 800W power supplies
- ◆ Optional front mounted handles
- ◆ VME64x and CompactPCI configurations available
- ◆ Shipped fully wired and tested

<sup>1</sup> Power supply and fans warranted by their respective manufacturer

### Overview

The versatility of Dawn VME Products' **6808 SERIES** is showcased in rackmount and benchtop mounting configurations. For more than 10 years, the **6808 SERIES** has proven to be an ideal choice where budget, configuration flexibility and delivery availability drive the selection of a VMEbus, VME64x or CompactPCI powered enclosure.

Numerous configuration options are available for the **6808 SERIES** and are listed in menu form in the ordering matrix on the backside of this datasheet. Typically, **6808 SERIES** configurations feature accommodations for 6U x



160mm VMEbus boards and allow clear access to the rear of the J2 backplane connectors where the first four of the rear are configured as 6U transition module slots. Custom configurations are available, including VME64x and CompactPCI models; please consult the factory.

### Technical Specifications

#### Mechanical

- Compatibility:** ANSI/VITA 1-1994 and IEEE P1014
- Material:** H5052 Aluminum, alodine coated with a grain finish
- Dimensions:** 12.22" H x 16.35" D x 19" W (17" internal chassis)
- Weight:** Under 15-30 lb (configuration dependent)
- MTBF:** Configured with 13-slot VME backplane, 800W power supply, three DC fan cooling system: >50,000 hr operating at +40°C

#### Electrical

- Maximum Power Draw Per Slot:** Approximately 40W per slot
- Power Supply Input:** See table below
- Power Supply Output:** See peak output ratings in the following table

Ordering Code	Max. Power (Watts)	Input Voltage	Input Frequency	Input Type	Output Voltages		
					+5V	+12V	-12V
C	350 W	85-264 VAC	47-440 Hz	Autoranging	50 A	12 A	6 A
J	400 W	85-264 VAC	47-440 Hz	Autoranging	55 A	10 A	7 A
N	600 W	85-264 VAC	47-440 Hz	Autoranging	60 A	10 A	4 A
F	800 W	85-264 VAC	47-440 Hz	Autoranging	120 A	10 A	4 A

#### Environmental

- Storage Temperature:** -20°C to +85°C
- Operating Temperature:** 0°C to +50°C
- Humidity:** <95% non-condensing
- Cooling:** Three (3) 120mmx24mm, 12VDC fans with >250 CFM

# Ordering Information

**11-1006808-XXXX**

**System Power**

**C** = 350W  
**J** = 400W  
**N** = 600W  
**F** = 800W

**Transition Module, Fan, Door and Tabletop Foot Kit Options**

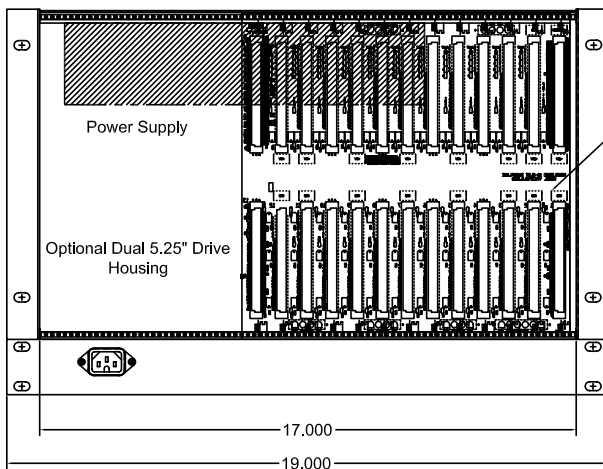
**1** = T.M., AC Fan, No foot kit  
**2** = T.M., AC Fan, Foot Kit Installed  
**3** = T.M., DC Fan, No foot kit  
**4** = T.M., DC Fan, Foot Kit Installed  
**5** = No T.M., AC Fan, No foot kit  
**6** = No T.M., AC Fan, Foot Kit Installed  
**7** = No T.M., DC Fan, No foot kit  
**8** = No T.M., DC Fan, Foot Kit Installed

**Number of VME Backplane J1/J2 Slots**

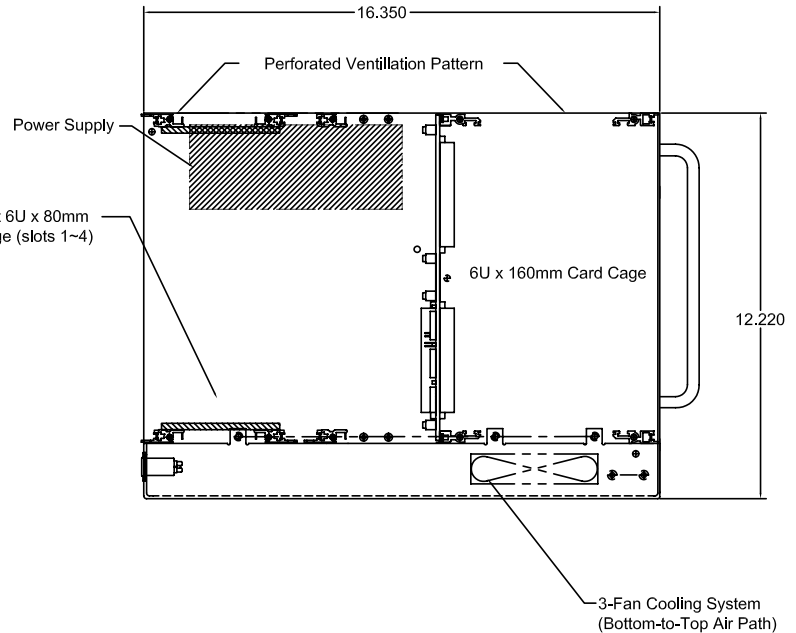
**02-13** = 2 through 21 slots w/manual BG/IACK  
**23-33** = 3 through 21 slots with automatic BG/IACK jumpering

**Bold** indicates standard configuration

## Enclosure Dimensions (Rackmount Configuration Shown)



Rear View



Side View

## Active Cooling System



## Other Accessories from Dawn:

- ◆ VME64x and CompactPCI Configurations (contact factory)
- ◆ System Health Monitor kit
- ◆ Test Extender Boards
- ◆ Peripheral Mounting Modules
- ◆ Slot Bypass Boards
- ◆ Prototyping Boards
- ◆ Form-Factor Extender Boards (FFE)
- ◆ Filler Panels: 3U, 6U or 9U x ≤ 1~21 slot widths
- ◆ 3U, 6U, 9U and Custom Front Panels





## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)