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Find the *Dawn VME RME-7612* at our website: *Click HERE*

VME Powered Enclosure: 6808 Series

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

[1] 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

					Output Voltages		
Ordering Code	Max. Power (Watts)	Input Voltage	Input Frequency	Input Type	+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: -20ºC to +85ºC

Operating Temperature: 0ºC to +50ºC

Humidity: <95% non-condensing

Cooling: Three (3) 120mmx24mm, 12VDC fans with >250 CFM

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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**

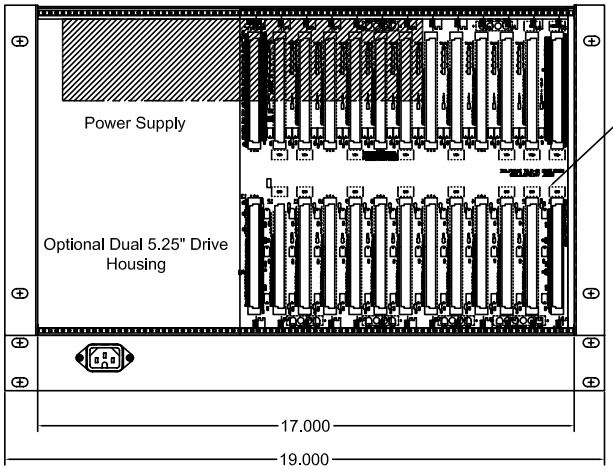
Number of VME Backplane J1/J2 Slots

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

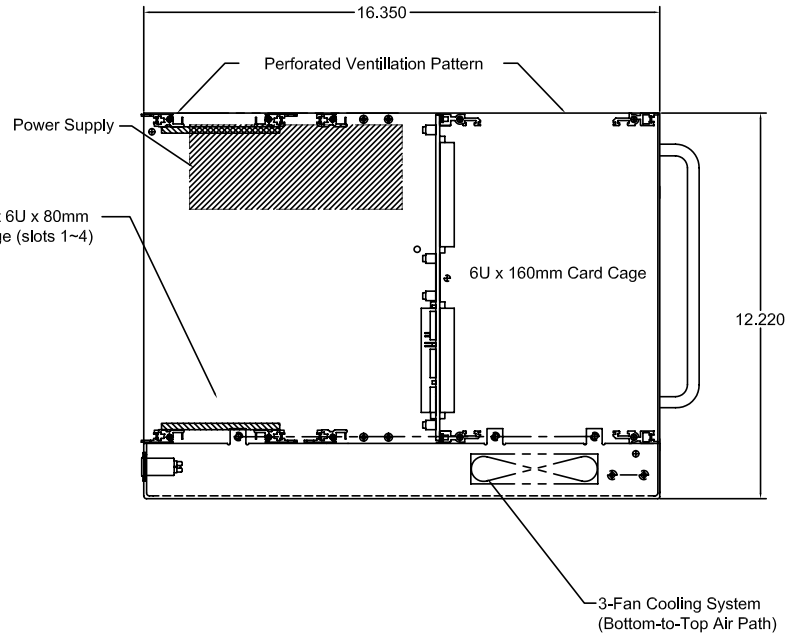
Bold indicates standard configuration

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

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