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Find the *Pentair / APW Electronic Solutions VMEbus Power Cage II* at our website: *Click HERE*

VMEbus: Power Cage II

- Includes card cage, backplane, power supply, cooling & wiring
- 5, 12 or 21 VME slots, rack mount
- Power up to 1000 Watts
- Optional peripheral mounting assembly

Everything but the Boards.
With the VME Power Cage II you can have the convenience of an APW Electronic Solutions enclosure with the easy access of a test set, in a compact, rack mount package. We have combined a rugged Eurocard subrack with a high efficiency power supply complete with integral cooling. In fact, the Power Cage II is prewired so all you have to do is add the cards.

High Performance Backplane.
Every Power Cage II comes with an APW Electronic Solutions VMExcel backplane, with automatic daisy chaining.

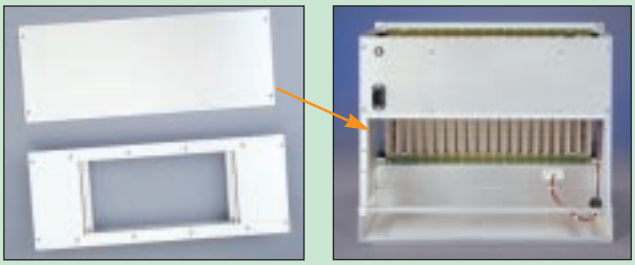
Choose 5, 12 or 21 slots.
You have the choice of a sturdy 5, 12 or 21 slot card cage with triple fan cooling. The cages can accommodate either 6U or 9U card heights and card depths of 160mm or 400mm. A 500, 750, or 1000 Watt power supply is fully wired and harnessed to the VMExcel backplane, and the front panel switch and indicator light are located just under the card cage.

Compact Size.
All this adds just 3.5"(2U) to the overall height of a card cage alone. For example, the 21-slot 6U VME package fits in 14" of rack space while the 9U VME unit fits in 21" of rack space.

Optional Peripheral Mounting.
The 5 and 12-slot Power Cage lets you add your choice of peripheral mounting assemblies for up to four half-height or two full-height disk drives or other 5¼" peripherals.



Power Cage II



Accessory blank and transition rear panels (left) can be mounted on the rear of the PowerCage II (right)



Peripheral Mounting Assembly (used with 12-slot backplane) hold up to four 5¼" half-height drives.

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VMEbus: Power Cage II

Specifications

Dimensions: in (mm)

Size	Vertical Height	Depth	Type
6U × 160	13.97(355)	16.00(406)	with baffle
6U × 160	12.22(310)	16.00(406)	without baffle
6U × 16R	13.97(355)	16.00(406)	with baffle
6U × 16R	12.22(310)	16.00(406)	without baffle
9U × 400	20.97(533)	24.00(610)	with baffle
9U × 400	17.47(444)	24.00(610)	without baffle

Weight:	40-55 lb. (18-25 kg) depending upon size
Operating Temperature:	0 to 50°C
Cooling:	3 fans on 160mm, 9 fans on 400mm (73 cfm/12 Vdc each)

Card Cage: 0.090 aluminum side plates, with clear chem film; aluminum extrusions with clear chem film; Card guides: Luranyl 2452/1 or equivalent

Power Supply:

Input Voltage:	90-264 V ac continuous range, 47-63 Hz		
Output Voltage	500W	750W	1000W
+5 V	75 A	120 A	150 A
+12 V	8/12 A pk	12/20 A pk	20/30 A pk
-12 V	4 A	10 A	10 A
+12 V	5 A	5 A	10 A

For complete power supply specifications see "Specifications" section.
See VMExcel backplane section for complete backplane specifications

Power Cage II Ordering information

PV x | x | x | x | x

Number of Slots
- 5 slots J1 / 5 slots J2: **5/5E**
- 12 slots J1 / 12 slots J2: **12/12E**
- 21 slots J1 / 21 slots J2: **21/21E**

Card Cage/Slides
- 160mm, 6U: **D160**
- 160mm, 6U with slides: **D16S**
- 160mm, 6U recessed 60mm: **D16R**
- 160mm, 6U recessed 60mm, with slides: **D16T**
- 400mm, 9U: **T400**
- 400mm, 9U with slides: **T40S**

Peripheral Mounting
- No peripheral mounting: **0**
- PMA for 4 half heights (12-slot x 6U only): **1**
- PMA for 2 half heights (12-slot x 6U only): **2**
- PMA for 3 half heights (12-slot x 6U only): **3**
- PMA for 2 3.5" drives (12-slot x 6U only): **4**
- PMA for 2 3.5" drives (one embedded)(12-slot x 6U only): **5**

Power Supply
- 500 Watt (75 A @ +5 V): **75**
- 500 Watt (75 A @ +5 V) with perforated top covers: **75C**
- 750 Watt (120 A @ +5 V): **120**
- 750 Watt (120 A @ +5 V) with perforated top covers: **12C**
- 1000 Watt (150 A @ +5 V): **150**
- 1000 Watt (150 A @ +5 V) with perforated top covers: **15C**

Fan Trays
- With Air Baffle: **T**
- Fan Tray Only: **F**

ACCESSORIES (Order separately)

Blank I/O Panel: (lower rear)

Model No.	For Size:	Height	Width
PCEIO-01	6U with 500/750-W power supply	6.57(167)	16.860(428)
PCEIO-02	6U with 1000-W power supply	3.69(94)	16.860(428)
PCEIO-03	9U with 500/750-W power supply	11.82(300)	16.860(428)
PCEIO-04	9U with 1000-W power supply	8.94(227)	16.860(428)

Transition Panel Sub-assembly: (lower rear)

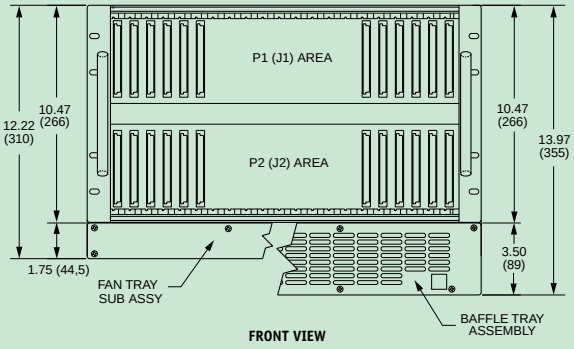
Model No.	For Size:	Height	Width	No. of Modules**
PCETM-01	6U with 500/750-W power supply	6.57(167)	16.860(428)	6 (24HP)
PCETM-02	6U with 1000-W power supply	3.69(94)	16.860(428)	3 (12HP)
PCETM-03	9U with 500/750-W power supply	11.82(300)	16.860(428)	12 (48HP)
PCETM-04	9U with 1000-W power supply	8.94(227)	16.860(428)	9 (36HP)

** for modules that are 6U x 4HP size.

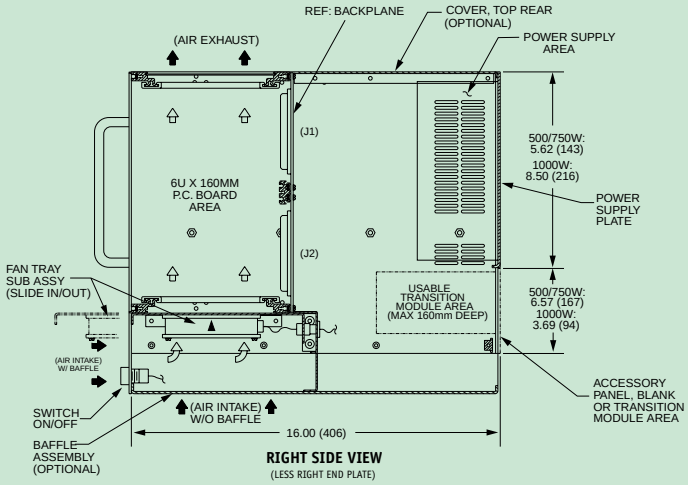
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VMEbus: Power Cage II

6U Power Cage II

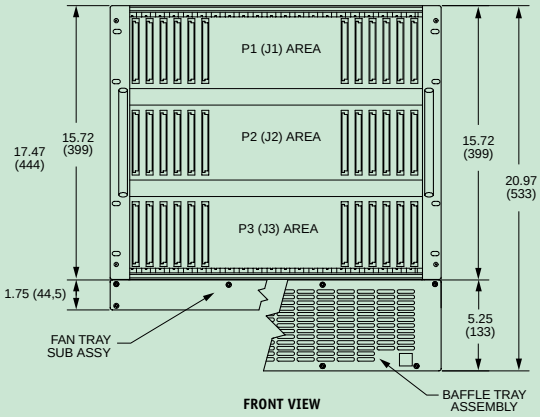


FRONT VIEW

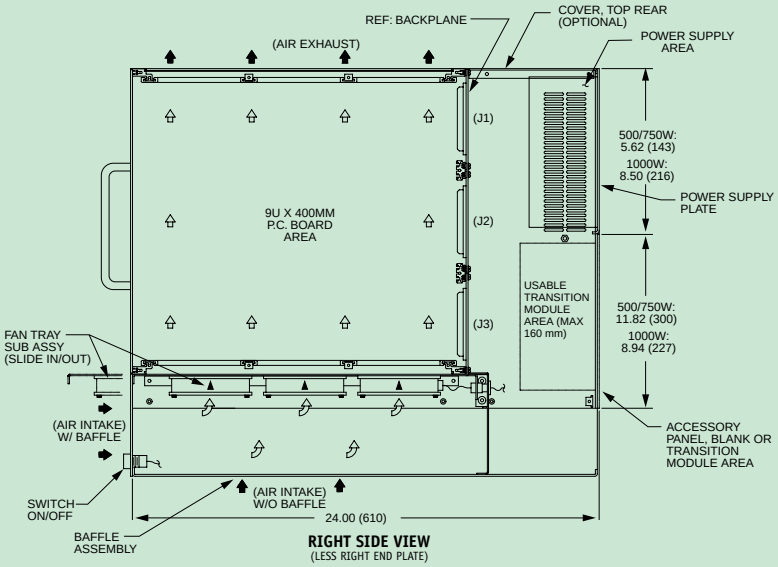


RIGHT SIDE VIEW
(LESS RIGHT END PLATE)

9U Power Cage II



FRONT VIEW



RIGHT SIDE VIEW
(LESS RIGHT END PLATE)

Specifications subject to change without notice
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