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## 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.

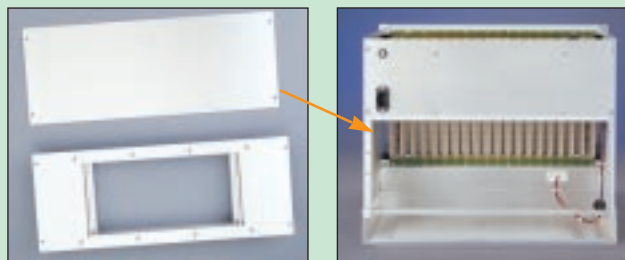
All this adds just 3.5"(2U) to the overall height of a card cage alone. For example, the 21-slot 6U VME package fits in 14" of rack space while the 9U VME unit fits in 21" of rack space.

### 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 5<sup>1</sup>/<sub>4</sub>" 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 5<sup>1</sup>/<sub>4</sub>" half-height drives.

# VMEbus: Power Cage II

## Specifications

### Dimensions: in (mm)

Size	Vertical Height	Depth	Type
6U x 160	13.97(355)	16.00(406)	with baffle
6U x 160	12.22(310)	16.00(406)	without baffle
6U x 16R	13.97(355)	16.00(406)	with baffle
6U x 16R	12.22(310)	16.00(406)	without baffle
9U x 400	20.97(533)	24.00(610)	with baffle
9U x 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 VMEExcel backplane section for complete backplane specifications

## Power Cage II Ordering information

	PV	x	x	x	x	x	
<b>Number of Slots</b>							
5 slots J1 / 5 slots J2: _____						5/5E	
12 slots J1 / 12 slots J2: _____						12/12E	
21 slots J1 / 21 slots J2: _____						21/21E	
<b>Card Cage/Slides</b>							
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	
<b>Peripheral Mounting</b>							
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	
<b>Power Supply</b>							
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	
<b>Fan Trays</b>							
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)

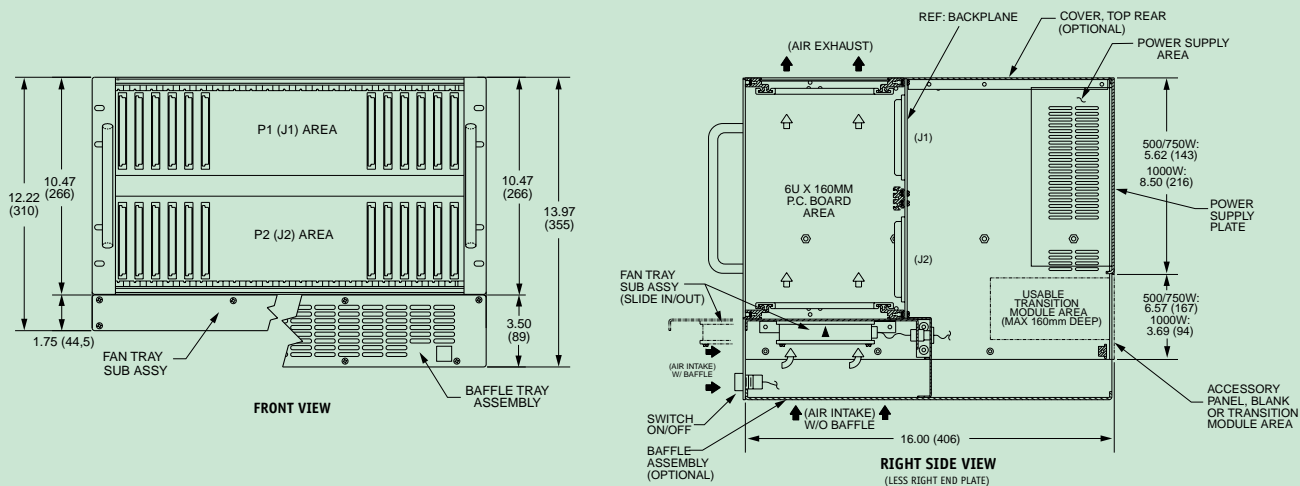
### Transition Panel Sub-assembly: (lower rear)

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)

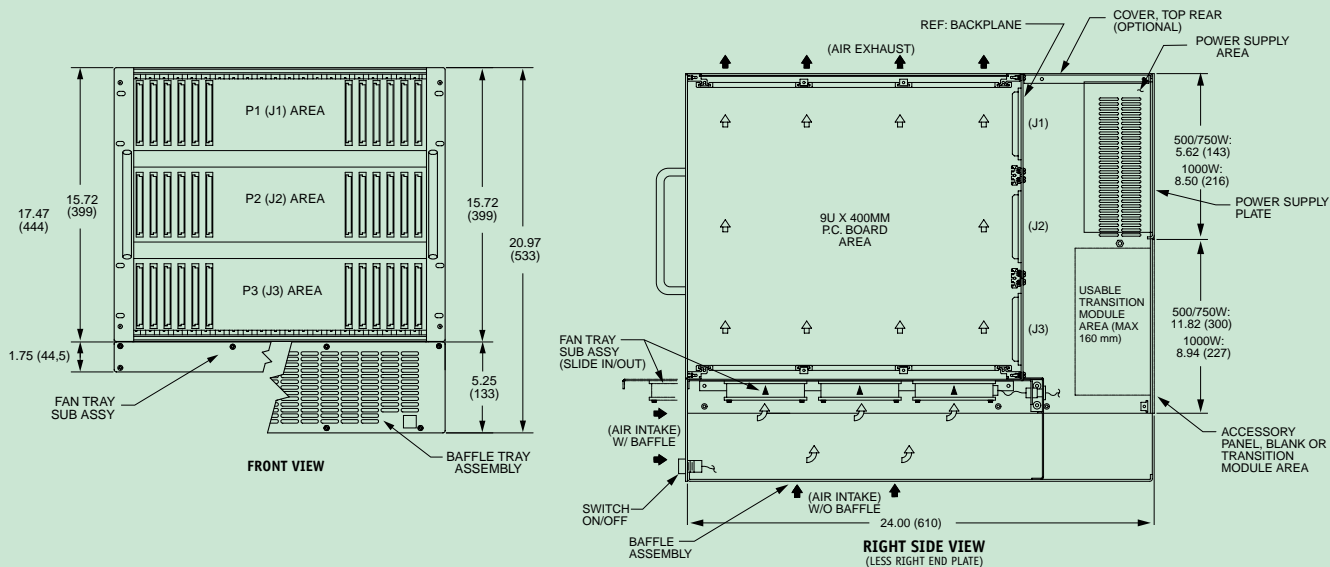
\*\* for modules that are 6U x 4HP size.

# VMEbus: Power Cage II

## 6U Power Cage II



## 9U Power Cage II





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