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VME64 Extensions: Power Cage II

- Includes card cage, backplane, power supply
- 10 or 21 VME64 Extensions slots
- Power up to 1000 Watts
- Optional peripheral mounting assembly
- Optional 80mm or 160mm transition module mounting

Everything but the Boards

With the VME64 Extensions Power Cage II you can have the convenience of an enclosure with the easy access of a test set, in a compact, rack mount package. The Power Cage II combines rugged Dot•Ten Eurocard subrack and a high efficiency power supply complete with integral triple fan cooling.

High Performance Backplane

Every Power Cage II comes with an ultra-quiet APW Electronic Solutions VME64 Extensions backplane, with active automatic daisy chaining.

Choose 10 or 21 Slot.

You can choose between a 10 or 21 slot J1/J0/J2 or J1/J2-only backplane. The cages accommodate 6U x 160mm boards. A 500W, 750W or 1000W power supply is fully wired and harnessed to the backplane, and the front panel switch and indicator light is located under the card cage.

Optional Peripheral Mounting

The 10-slot Power Cage II will let you add your choice of peripheral mounting assemblies for up to four half-height or two full-height disk drives.



Power Cage II



Rear view showing transition cage.

Ordering information

Power Cage II	PVX	x	x	x	x	R

Number of Slots

10 slots J1/J2:	**10J1/J2E**
10 slots J1/J0/J2:	**10J1/J0/J2E**
21 slots J1/J2:	**21J1/J2E**
21 slots J1/J0/J2:	**21J1/J0/J2E**

Card Cage/Slides

160mm, 6U:	**D160**
160mm, 6U with 80 mm transition cage:	**D161**
160mm, 6U with 160 mm transition cage:	**D165**

Peripheral Mounting

No peripheral mounting:	**0**
PMA for 4 half heights (10-slot x 6U only):	**1**
PMA for 2 half heights (10-slot x 6U only):	**2**
PMA for 3 half heights (10-slot x 6U only):	**3**

Power Supply

500 Watt (75 A @ +5 V):	**75**
500 Watt (75 A @ +5 V) with perforated top cover:	**75C**
750 Watt (120 A @ +5 V):	**120**
750 Watt (120 A @ +5 V) with perforated top cover:	**120C**
1000 Watt (150 A @ +5 V):	**150**
1000 Watt (150 A @ +5 V) with perforated top cover:	**150C**

Accessories

Track slide kit:	**PVX-TS**

Specifications

Dimensions: in(mm)			
Height:			13.97(354)
Width:			19.00(482)
Depth:			18.00(457)
Weight:			40-45 lb. (18-21 kg) depending upon size
Operating Temperature:			0 to 50°C
Non-Operating Temperature:			-20 - 85°C
Humidity:			5 - 95% RH non condensing
Cooling:			Fan Cooling

Card Frame: APW Electronic Solutions EuroCard Extensions card frame, specifically designed for VME64 Extensions Power Cage II. See material specification in Dot•Ten EuroCard Packaging Products Section.

Backplane: APW Electronic Solutions VME64 Extensions Backplane with automatic daisy chaining. See Electronic Solutions VME64 Extensions Backplane Section

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
+3.3 V(1)	7.5 A	7.5 A	7.5 A
±48 V1(1)	2 A	2 A	2 A
±48 V2(1)	2 A	2 A	2 A

*Max. total output
(1)Voltages derived from +12 V using dc to dc converters

Specifications subject to change without notice
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