

EPOS Compact CV4-RU

DC Power System



GENERAL DESCRIPTION

The EPOS Compact CV4-RU is an industry leading DC power system optimized for the demanding power needs of wireless communications and broadband access equipment.

Requiring only 2U (87.6 mm) of rack height, the EPOS Compact CV4-RU is the modular, flexible solution for a wide range of applications.

The system is based on the Compact VCRM and VCRML rectifier modules and it is equipped with a digital system controller. The system controller has a powerful

remote management interface through Ethernet or SNMP.

FEATURES

- Available in 24 V, 48 V and 60 V
- Max. output 240 A
- Constant current limited rectifiers
- DC bulk output

SPECIFICATIONS

Description	EPOS Compact 24-CV4-RU	EPOS Compact 48-CV4-RU		EPOS Compact 60-CV4-RU
Rectifier type	VCRM 24/1500	VCRML 48/1250	VCRML 48/2500	VCRM 80/2000
Input voltage	90 – 264 VAC	85 – 295 VAC	150 – 295 VAC	90 – 264 VAC
Input frequency	47 – 63 Hz			
AC wiring	Individual AC feeds			
No. of rectifier positions	4			
Nominal output voltage	24 VDC	48 VDC	48 VDC	60 VDC
Max. shelf current	240A	100 A	200 A	160 A
DC distribution	Bulk output			

PRODUCT SELECTION GUIDE

A system will, as a minimum, consist of a power shelf, a system controller, and one type of rectifier (depending of voltage and capacity requirements), and distribution MCB's.

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Description	Qty	EPOS Compact 24-CV4-RU	EPOS Compact 48-CV4-RU		EPOS Compact 60-CV4-RU
Rectifier	1 – 4	92F050A	92F090A (1250W)	92F120A (2500W)	92F060A
Power shelf	1	94E500A			94F240A
System controller CV	1	94E430A			94F160A

Options

Part no.	Description
77CBS00224A	Alarm cable for relay alarm outputs
94E480A	Temperature probe 3 m, ring terminal
94E720A	Temperature probe 10 m, ring terminal
94E490A	Temperature probe 3 m, paddle terminal
94E730A	Temperature probe 10 m, paddle terminal
94E820A	LVD control board 24V/48V
94F230A	LVD control board 60V

