



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



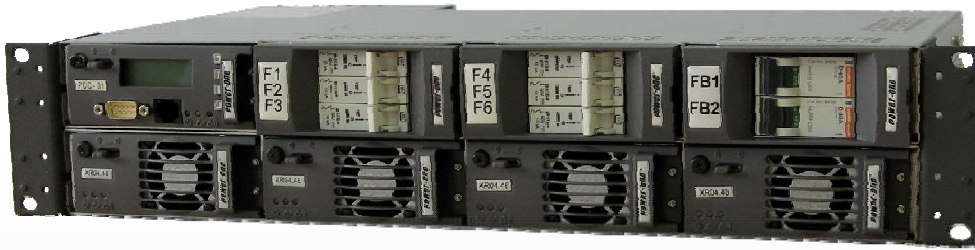
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Features

- 1 RU and 2 RU height solutions
- Wide AC input; 85 to 300 VAC
- Wide operating temperature range -40 °C to +75 °C
- Ethernet interface
- Simple installation
- Designed for 300 mm deep ETSI cabinets
- Rear or side cable connection options
- Various fuse options
- International standards compliance

Description

Aspiro DC power systems offer a range of solutions for diverse applications such as broadband access, cable head ends, micro/pico BTS Cells, Enterprise E911, and GSM-R.

Aspiro uses highly-efficient, dense, and reliable XR04.48 & XR08.48 rectifier modules and is highly-adaptable to provide a complete solution for today's global applications.

System management is accomplished via a pluggable system controller, complete with remote accessing functionality with an Ethernet, web server, and SNMP interface.

Highly flexible distribution options offer the optimum 1U or 2U shelf solution for space-critical applications. In addition, installation within compact environments is made simple and includes reduced-depth distribution shelves catering for rear or side cable connection.



Mechanical Data

	1 RU - 2 Rectifier System	2 RU - 3 Rectifier System	2 RU - 4 Rectifier System
Dimensions	19"/ETSI/23" x 44.45 x 280 mm (WxDxH)	19"/ETSI/23" x 88.9 x 280 mm (WxDxH)	19"/ETSI/23" x 88.9 x 280 mm (WxDxH)

Output

Voltage	-48 VDC		
Maximum Power	1.6 kW	2.4 kW	3.2 kW
Rectifier Types	Aspiro Series 400 W or 800 W		

DC Distribution

Battery Breakers	1 maximum	2 maximum	2 maximum
Load Breakers	4 maximum	15 maximum	9 maximum
Load GMT Fuse	N/A	10 maximum	10 maximum

AC Input

Voltage (230 VAC)	Single Phase	Single Phase or Three Phase	Single Phase or Three Phase
Frequency	47 – 63 Hz		
Input Current	<5.5 A (XR04.48) or <9.3 A (XR08.48)		
Power Factor	>0.98 (typical)		

Monitoring and Control

Controller	PCC / ACC		
Alarm Relays	4 standard, option for up to 10		
Local Interface	4 x 20 LCD, 4 key menu, USB/RS232		
Remote Interface	Ethernet/Modem using PowCom™ software package		
Visual Indication	Green LED – System ON Yellow LED – Message(s) Red LED – Alarm(s)		
External I/O	2 x inputs, 2 outputs (open collector)		

Battery Management

Symmetry Inputs	1	2	2
Programmable LVD	Yes		
Temperature Compensation	Yes		

Connections

Battery Connections	Battery Cable, M6 lugs		
AC Connection	4 mm ²		
Load Breaker Connections	4 mm ²		
Alarm Connections	1.5 mm ²		

Compliance

EMC	ETSI EN 300 386 V.1.3.2 EN 61000-6-2 (Immunity) EN 61000-6-3 (Emission)		
Safety	EN 60950-1		

Environmental

Operating Temperature	-40 °C to +75 °C, derating over 55 °C		
Storage Temperature	-40 °C to +85 °C		

NUCLEAR AND MEDICAL APPLICATIONS - Power-One products are not designed, intended for use in, or authorized for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems without the express written consent of the respective divisional president of Power-One, Inc.

TECHNICAL REVISIONS - The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.