

Power Shelf designed for Telecom Installation Requirements

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Most power supply manufacturers focus on power density measured by how much power can fit into a 1U high space. This "1U Power Dense" approach often requires more rack-room than just 1U, as power shelves must equip the user with battery management circuitry, breakers, and various forms of power distribution. In many instances, additional shelf space up to 5U must be allocated to facilitate the many interconnections and distribution between the power shelf and the load.

The CWRS-4150 Power Shelf from DongAh Elecomm consists of a Shelf Controller, four 1U-high 2,000W power modules in stacked pairs on the left side of the shelf. On the right is a hinged front-cover plate for easy access to the GMT-style fuses, RS-232 port, and AC interconnections. Rear connections include 4 well-spaced, high-current studs and a 12-position GMT-fused terminal block. A comprehensive battery management system is onboard with RS-232 communication and GUI software completing the requirements for a complete DC Energy System. It's clear to see that this 8,000W 2U-high Power Shelf combines the benefits of increased power density with ease of installation and maintenance.

The CWRS-4150 Power System may be populated with up to four DRM-440 Rectifier Modules (-54V @ 37A output) for power scalability up to 8,000W (-54V @ 148A). The system features a -40°C to +55°C temperature range (full load), 43V to 58Vdc trim range, Ethernet/TCP-IP with SNMP, status/control functions, and Safety Approved to UL 60950-1 / CE Mark (LVD).

Specifications can be downloaded from <http://dongahusa.com>. Evaluation units are available for immediate delivery with pricing is as low as \$1300 per system (100 pieces). Contact DongAh at sales@dongahusa.com / (888) 878-7331 for US Sales and Technical support.



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Note to editors:

Founded in 1976, DongAh Elecomm is dedicated to the customer's need for something beyond a standard power supply product. Through non-stop research into new innovations and emerging technologies, DongAh delivers customer driven power solutions and business strategies to a worldwide market. DongAh Elecomm is committed to continual process improvement and conformance to Internationally Recognized Standards. Some of our qualifications include ISO TL 9001 and ISO 14000 qualification. Siemens and Samsung have independently recognized our company for quality and service.