

CRITICAL POWER SYSTEMS DESIGN AND MANUFACTURE

PRODUCT BROCHURE

Design, manufacture and installation of custom critical power infrastructure is essential for applications that require reliable, uninterrupted power. When specific voltages, size and battery life requirements are factored into the system design, the final system is typically more effective.

When a system is designed to meet specific performance criteria, end users can be assured that the equipment will stand up to the application environment.

We work with our clients to understand the application environment of their power system, along with identifying the specific performance criteria needed for optimum performance.

Following this process, we recommend a system configuration that addresses their requirements along with relevant dimensions and distribution capacity. Once approved, the system is then designed and the components are manufactured or assembled in-house.

We fully test the equipment to ensure quality and performance standards are met. The system is then transported to site for commissioning and installation.



PAST EXPERIENCE

Roads and Maritime Service (NSW)

- Designed and manufactured custom built outdoor roadside cabinets equipped with UPS technology to provide back up power to traffic light systems in the event of a power outage.

Fortescue Metals Group (FMG)

- Designed and manufactured custom 48V DC power racks equipped with DC-DC converters to enable power distribution at 12V, 24V and 48V within the same rack.

BENEFITS

- Designed and built system to meet operational and environmental performance requirements
- In-house design and manufacturing process