

Power units for critical infrastructure

Engineering, manufacturing and supply for rail, roads and data centres, plus battery storage sized to the load. Backed by site audits and component level bench repair.

Switches

DC power systems

High temperature UPS



WHO WE ARE

Engineering, manufacturing and supply since 2004

Alpha Power Systems engineers, builds, supplies and services the power units that keep signalling, roadside systems, data centre switchrooms and remote sites running when mains power fails. Our workshop, warehouse and engineers are in Sydney, NSW, and we repair what we sell.

2004

Established. Now based in Sydney, NSW

23

UPS models type approved on a national rail network register

Up to 65°C

Ambient rating on our HTU high temperature UPS

ANZ

Customers across Australia and New Zealand

Licensed

NSW electrical contractor

Authorised

Authorised warranty repair on Cordex and FXM. Extended warranties available.

WHY ENGINEERS AND CONTRACTORS SPECIFY US

- ✓ **Type approved equipment**
UPS and a transfer switch type approved for rail
- 🏭 **Built and tested in Sydney, NSW**
Factory tested before dispatch, with the test paperwork
- 🔥 **Built for Australian heat**
UPS and batteries rated for high ambient temperatures
- 🔧 **Solutions, not part numbers**
The right range, sized to the power needs of the site
- 🔧 **We repair what we sell**
Component level bench repair, site audits and onsite service

HOW WE ENGINEER A SOLUTION

We start with the power needs of the site

1 Diagnose

A site audit of the load, runtime, ambient temperature and the approvals the site must meet.

2 Engineer

The right range, sized to the load, with battery banks, DC distribution, isolation and redundancy designed in.

3 Build and test

Wired, assembled and factory tested in Sydney, NSW, with the test paperwork shipped with the units.

4 Support for life

Commissioning support, service, component level bench repair and spare units.

Complete systems or components

Compliance you can review: every departure listed against your specification

One party accountable for UPS, switches, DC and batteries



Your first site audit is complimentary in Greater Sydney

Pre-failure checks of installed UPS, DC and batteries. sales@alphapower.com.au | +61 2 9602 8331

Talk to us before the specification is fixed

Every solution is available through contractors and integrators. Pick the segment that fits and use the quickest way to start.

01 Rail

Type approved signalling power, on a national rail network register.

- Signalling UPS 1 to 5kVA online (CFRTU)
- High temperature UPS up to 65°C ambient (HTU)
- Automatic transfer and bypass (MATS)
- DC power 12V to 220V (Cordex)

23 UPS models type approved, no expiry. Spare CFRTU units held to keep installed signalling UPS in service.

NEXT STEP

Send us your cabinet schedule for a type approved package price.

02 Roads and Traffic

UPS for roadside cabinets, tunnels and intersections that cannot go dark.

- Outdoor UPS 650VA to 3kVA with SNMP v3 (FXM-HP)
- High temperature UPS 1 to 5kW
- High temperature lithium (SNMP v3) and gel batteries
- Bypass switching with manual bypass

Cabinet fit and layout support at design stage, and a statement of compliance against your specification.

NEXT STEP

Book a battery estate review for your installed cabinets.

03 Data Centres

Switching and DC power, engineered with the design team before the specification freezes.

- Static transfer switches up to 1250A, manufacturer rated
- Switchroom DC power 12V to 220V (Cordex)
- Online and modular UPS 1 to 10kVA
- Lithium (SNMP v3) and gel batteries, replaced on a plan

Pole configuration, protection and transfer time settled on the drawing. Onsite maintenance and battery replacement in live data centres.

NEXT STEP

Send us the single line diagram. We will size the switch and the DC system.

04 BESS and Energy Storage

Battery storage sized to the fluctuating power needs of the site.

- Measure the load first
- Size the system to it, not the unit first requested
- Supply through our manufacturing partner
- Fits construction, data centres and remote sites

Diesel out, storage in: quieter, cleaner power and a lower carbon footprint. Over 20 years of supplying batteries for sealed cabinets with high ambient temperatures.

NEXT STEP

Send us the site's generator or load data. We will size the system to it.

05 Service and Repair

We repair what we sell - and what we didn't.

- Site audits that find failing components early
- Component level bench repair in Sydney, NSW
- Onsite repair and battery replacement
- Authorised warranty repair on Cordex and FXM

Component level repair of HTU, CFRTU and other brands. 2 year warranty on single phase UPS, 6 months on repaired parts, extended warranties available.

NEXT STEP

Book a site audit of your installed UPS, DC and battery equipment. The first is complimentary in Greater Sydney.

06 Contractors and Integrators

You choose the supplier for the asset owner. We make Alpha Power the easy choice.

- Type approved: price rail work from the register
- Engineering at design stage, at no charge
- Complete systems or components, factory tested
- Told, not bypassed: we do not quote around you

Service after handover for the UPS, switches, DC and batteries you install.

NEXT STEP

Bring us in at design. Send the drawings and we will size the system.



Joss Ings-Chambers GAICD CISM
Director

GET IN TOUCH

sales@alphapower.com.au | +61 2 9602 8331

www.alphapower.com.au

Unit 18, 30 Heathcote Road, Moorebank NSW 2170

Alpha Power Systems Pty Ltd | ABN 60 107 075 981