

energy renaissance

clean, stored energy everywhere

As Australia's first sovereign lithium-ion battery manufacturer, Energy Renaissance understands the critical importance of cyber security, sovereign supply, and local service and support. Founded in 2015, this Australian-owned and operated company is at the forefront of lithium-ion battery technology and manufacturing, providing cyber-secure Australian batteries that meet stringent security needs.

Energy Renaissance is responsible for Australia's first battery Gigafactory, a 4,500m² purpose-built advanced manufacturing facility in Tomago, regional NSW. The facility, designed to be powered by clean energy and producing no industrial effluent, symbolises a commitment to environmental responsibility.

The company's product line includes the Renaissance super6T™, superRack™, superCube™, and superVolt™, all delivered as ready-to-install solutions. These products offer the defence sector the benefits of sovereign, safe, and cyber-secure lithium-ion battery storage for mobile and stationary applications.

products



Renaissance super6T™

The Australian super6T™ supports NATO 6T mobility and Silent Watch applications, all powered by CSIRO secure BMS software.



Renaissance superCube™

The superCube™ provides ruggedised stationary storage to replace on-base diesel generation in defence settings, offering a more sustainable and efficient energy solution.

capabilities & differentiators

Capabilities: The **Renaissance Super6T™ battery** operates silently, is safe, cost-efficient, climate-optimised (operates in -20°C to 60°C climates), and lighter (23kgs, only 60% the weight of a lead acid battery). It has a capacity of 100 Ah, energy of 2.56 kWh, and a cycle life of 3,650. In addition, the **superCube™** provides safe, ruggedised, easily-transported energy storage, replacing diesel generation on the base.

Differentiators:



key customers



Defence Science and Technology Group

key partners



standards

Certified Australian Made & Australian Owned

UL 1973

UN 38.3

ISO 9001

ISO 14001

ISO 45001

Reconciliation Australia RAP Reflect.

contact

Sara Craighead
defence@energyrenaissance.com

head office
Cadigal Territory
Level 2, 24 Hickson Road
Millers Point NSW 2000

renaissance one
Worimi Nation
7 Epsom Drive
Tomago NSW 2322

energyrenaissance.com