



No More Power Outages



Rapid Easy Installation



No Fire Risk



No Gas Emissions



No Cooling Needed



High Heat Tolerance



Fast Discharge



Low Lifetime Cost



Compact Size



No Maintenance



QUANTUM PLUG AND PLAY

Clean, Safe, Reliable Energy

Thinking global

The Quantum energy storage system is the eco-friendly solution for substantial electric power for your home or business.

Combining non-toxic rechargeable heated-salt battery with quality inverter and advanced monitoring, the Quantum Plug and Play delivers clean, safe power without noise or noxious emissions.

Acting local

The Quantum energy storage system is being manufactured as a joint venture between GridEdge and Earthworker Cooperative.

Every purchase contributes directly to the establishment of Australia's first worker-owned cleantech manufacturing enterprise.

Manufacture and assembly of the cabinet and components is proudly undertaken by the Eureka's Future Workers Cooperative in Morwell, Victoria.

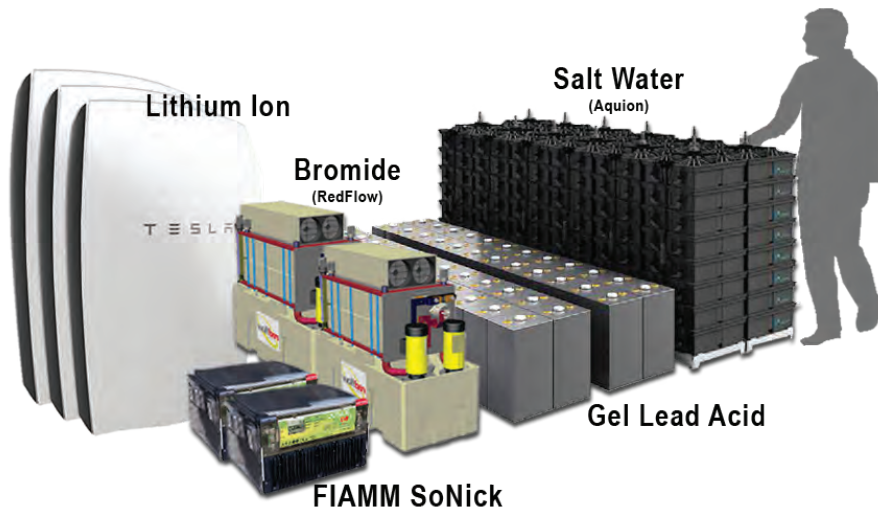


SoNick battery technology: non-toxic, fully recyclable

The Quantum uses the safe, smart and reliable Sodium Nickel Chloride (SoNick) battery system made by Swiss battery powerhouse FIAMM. This battery technology uses heated salt (NaCl) at the negative electrode and nickel (Ni) as the positive electrode. The battery's safe chemistry assures it has zero harmful emissions and is completely recyclable.

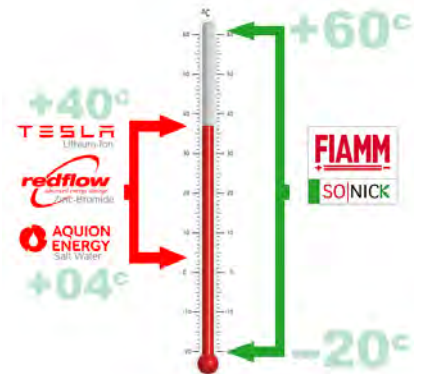


CLEAN SAFE RELIABLE POWER



Approximate side by side comparison of a 20kWh battery application

The modular design of the Quantum storage system means you can choose a capacity solution suitable to your individual needs. The system can be upgraded if your needs change.



Battery storage model options range from the 3.65kWh GEFM80 to the 19.2kWh GEFM400. Larger or small capacities can be customised according to your needs.

MODELS	GEFM80	GEFM120	GEFM200	GEFM400
Storage Capacity	3.8kWh	5.7kWh	9.6kWh	19.2kWh
Rated inverter power	3000VA	5000VA	5000VA	5000VA
Output power	2.5kW	4.5kW	4.5kW	4.5kW
Inverter surge power	5kW	9kW	9kW	9kW
Approximate weight	95Kg	175Kg	200Kg	300Kg
Size		1250 x 700 x 490mm	1250 x 700 x 490mm	1250 x 700 x 490mm

Maximum inverter efficiency	95%
Maximum battery efficiency	100%
Ambient temperature range	-20°C to +60°C
Dust & water protection	IP43
Operation mode	Single Phase in line UPS Solar
Emergency power capability	Yes
solar operational with grid outage	Yes
Certifications	EN 60335-1, EN 60335-2-29
Battery warranty	5 years
System warranty	5 years
Monitoring (remote optional)	Front panel display, online, App
Battery recyclability at end of life	100% of all components

SALES ENQUIRIES

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