No More Power Outages  
Rapid Easy Installation  
High Heat Tolerance  
Fast Discharge  
No Fire Risk  
No Gas Emissions  
No Cooling Needed  
Low Lifetime Cost  
Compact Size  
No Maintenance  

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.

Thinking global

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 recycleable

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 recycleable.

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.

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

- 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

Specifications subject to change without notice

SALES ENQUIRIES
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