



no fumes



no noise



no emissions



no fire risk



no cooling needed



easy charging



fast drawdown



low lifetime cost



no maintenance



high heat tolerance



The solar-salt electric

VOLT SWAGON

TRANSPORTABLE CLEAN ENERGY STORAGE TRAILER

Thinking global

The Voltswagon transportable energy storage trailer is the eco-friendly solution for substantial electric power wherever you have no access to mains supply.

Combining non-toxic rechargeable molten-salt battery and photovoltaic solar panel, the trailer delivers clean, safe power without noise or noxious emissions.

It is the ideal alternative to diesel or petrol generators for power at music festivals, food shows, school fetes, community events and other remote site situations.

Acting local

The Voltswagon transportable energy storage trailer is being manufactured as a joint venture between GridEdge and Earthworker Cooperative.

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

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



SoNick battery technology: non-toxic, fully recyclable

The trailer uses the safe, smart and reliable Sodium Nickel Chloride (SoNick) battery system made by Swiss battery powerhouse FIAMM. This battery technology uses molten salt (NaCl) as 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 POWER ON THE GO

The battery can be 50% charged from mains power in about three hours, 90% charged in eight hours, and 100% charged in 10 hours.

The solar panels augment battery life during use and charge it when power is not being drawn down. It takes about two days to fully charge the battery from the panels alone.



Battery storage model options range from the 9.6kWh GE200 (pictured) to the 48kWh GE1000. Even larger capacities can be customised according to your needs.

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

MODELS	GE200	GE400	GE600
Storage capacity	9.6kWh	19.2kWh	28.8kWh
Rated inverter power	5000VA	5000VA	8000VA
Output power	4.5kW	4.5kW	7kW
Inverter surge power	9kW	9kW	14kW
Approximate weight	625kg	730kg	840kg
Size	1.5 x 1.8 x 3.5m	1.5 x 1.8 x 3.5m	1.5 x 1.8 x 3.5m

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
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

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