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Glycerine Solartainer

Solar Hybrid Power with Glycerine Technology

Glycerine Solartainer is the world's first hybrid power solution that integrates renewable solar power with a revolutionary glycerine-powered generator backup, providing a sustainable off-grid power supply. Minimised environmental impact allows usage in Ultra Low Emission Zones (ULEZ), improving local air quality.

During daylight hours, the solar panels harvest energy and store it in a lithium-ion battery pack. The standby Glycerine generator is activated only when the batteries are depleted. Non-toxic glycerine fuel significantly decreases air pollution, keeping the air clean and communities healthy.

Minimising emissions to an astounding up 93-100 times lower than Stage V limits, Glycerine Solartainer sets a new benchmark for environmental responsibility. All units can be synchronised and are renewables ready to harness additional power from bolt-on solar Skyframes, hydro turbines and wind turbines.

Features & Benefits

- Emissions are 93-100x less than Stage V limits
- Allows usage in Ultra Low Emission Zones (ULEZ)
- Reduced environmental impact
- Sustainable and efficient power source
- Non-flammable and non-toxic Glycerine fuel
- Lithium Ion battery storage with generator backup, including glycerine fuelled
- Can be used as a direct replacement for diesel generators up to 100kVA
- Remote asset and energy management
- Option to synchronise to multiple sets



Reduced
**CO₂, NO_x, HC & PM
Emissions**



Ultra-safe
Glycerine Fuel



Improved
Air Quality

For more info, visit thinkhire.co.uk



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Specifications

DIMENSIONS

Solartainer S		Solartainer M/L		Solartainer XL	
LENGTH:	6.09 m	LENGTH:	6.09 m	LENGTH:	6.09 m
WIDTH:	2.44 m	WIDTH:	2.44 m	WIDTH:	2.44 m
HEIGHT:	2.46 m	HEIGHT:	2.74 m	HEIGHT:	3.04 m

Asset	1PH/ 3PH	Peak Power	Inverter Power	Battery Type	Battery Capacity kWh	Battery depth of Discharge	Internal Fuel Tank Capacity	Weight kg
Solartainer S	1PH	30kVA	10kVA	Lithium LFP	19.2	90%	40L	3500
Solartainer M	1PH	50kVA	15kVA	Lithium LFP	24	95%	100L	4000
Solartainer L	3PH	80kVA	30kVA	Lithium LFP	38.4	95%	160L	4500
Solartainer XL	3PH	110kVA	45kVA	Lithium LFP	72	95%	180L	5500

For more info, visit thinkhire.co.uk

Ancillaries



EMS Board

An intelligent distribution board that optimises power consumption and allows the complete control of power distribution on site, as well as monitoring and management.

[More info here](#)



Solar Skyframe

The additional renewable energy from Solar Skyframe will feed into your solar/ hybrid power solution, further reducing generator runtime, fuel use and carbon emissions.

[More info here](#)



Think Energy Panorama

Panorama portal offers automated issue rectification, live commercial and environmental reports, and remote power control via smartphone or tablet.

[More info here](#)



Fuel Tanks

Our heavy-duty static and mobile fuel tanks manufactured to the highest standards. Think Hire's range provides a comprehensive solution to any fuel storage requirements.

[More info here](#)



Plugs and Leads

A full set of cables to ensure your on site generator is up and running smoothly. Our cables are available in standard lengths or customised sizes to meet your on-site requirements.

[More info here](#)