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Solartainer Versatile Self-contained solar hybrid power

Solartainer is the only adaptable and scalable solar hybrid power solution in the UK. Our hybrid generator range was developed to provide an off-grid power supply, integrating renewable power and storage with diesel-power backup to reduce your environmental impact and carbon footprint. During daylight hours, the solar panels harvest energy and store it in a lithium-ion battery pack. The standby generator is activated only when the batteries are depleted. All units can be synchronised and are renewables ready to harness additional power from bolt-on solar sky frames, hydro turbines and wind turbines.

Features & Benefits

- Autonomous off-grid power supply
- Adaptive power source
- Lithium Ion battery storage with generator backup, including glycerine fuelled
- Reduced CO₂, NO_x, SO₂ & PM emissions
- Reduced generator runtime and service costs
- Available in single or three-phase configuration
- Can be used as a direct replacement for diesel generators up to 100kVA
- Remote energy management and live energy
- Option to synchronise to multiple sets



Reduced
CO₂ Emissions



Reduced
Fuel Costs



Reduced
Noise Pollution

For more info, visit [thinkhire.co.uk](https://www.thinkhire.co.uk)



Specifications

DIMENSIONS

Solartainer S		Solartainer M/L		Solartainer XL	
LENGTH:	6.09 m	LENGTH:	6.09 m	LENGTH:	6.09 m
WIDTH:	2.34 m	WIDTH:	2.34 m	WIDTH:	2.34 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

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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](#)



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](#)

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