

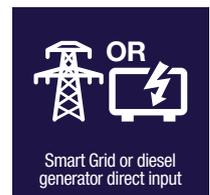
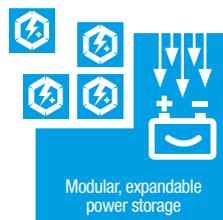


Power Pod

Use batteries as your primary power



**Modular power storage,
expandable to suit large
& small sites.**



Power Pod

Responsive, modular power storage for sites large & small.

The Power Pod reduces carbon emissions and fuel costs associated with power provision by storing energy to provide offline power to your site.

Energy can be stored from multiple sources and channelled to where it's needed automatically when demand is high.

The Power Pod is designed to be modular and plug 'n' play. Insert the unit in between your grid power or generator and your units. Add more Power Pods for more sustainability.

There are 2 model sizes to choose from depending on your power needs.

Fully automatic, all you need to do is plug-in, switch on. Your generator is now the back-up!

The Autosmart system takes care of all the power inputs to charge the batteries and manages the power output. Plug-in your site generator and the Power Pod will control the generator run time to keep up with power demands.

For large site set ups, multiple Power Pods can be used. Modularise the site into segments which will optimise the performance of each Power Pod.

The Power Pod is designed to work in harmony with other EasyCabin products to increase efficiency further. Adding the Solar Smart Panels into the mix, speeds up battery charge times and lowers dependence on the grid and your backup power generator.



<p>Modular Expandable power storage</p>	<p>Works in harmony with Solar Pod & Solar Smart</p>	<p>Protect Against power drop-outs and inconsistency</p>	<p>Smart Grid or diesel generator direct input</p>
<p>Auto smart Automatic operation and power switching</p>	<p>Plug & Play Simple plug in and use</p>	<p>Emissions REDUCED</p>	<p>LOW Reduce local site noise levels</p>



ULTIMATE FLEXIBILITY: Store energy in many combinations

<p>Smart Grid + 1 or more Power Pods</p>	<p>Compatible Generator + 1 or more Power Pods</p>	<p>Smart Grid & Compatible Generator + 1 or more Power Pods</p>
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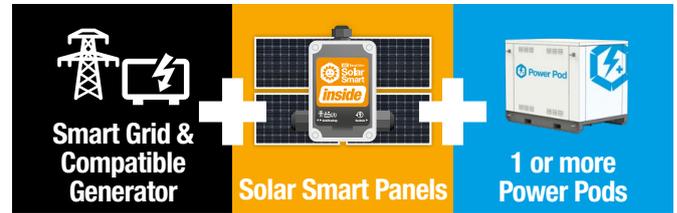


	Power Pod 30/45	Power Pod 45/90	
OUTPUT	AC Output Voltage	50Hz, 230V	
	Output Connections	1 x 125A three phase IP67 CEE Socket outlet, RCBO protected OR 1 x 125A single phase IP67 CEE Socket outlet, RCBO protected	
	Sustainable Rated Power	30 kVA	45 kVA
	Continuous Sustainable Power	24 kVA	36 kVA
INPUT	Max Feed Through Current	86 kVA	
	Max Input (Grid/Generator)	86 kVA	
	Pass Through	3 x 100amp	
	Input Connection (Grid/Generator)	125Amp (3 phase)	
STORAGE	Input Voltage Range	187 - 265 VAC	
	Input Frequency	45 - 65 Hz	
	Battery Type	10x Lithium Ion Phosphate	20x Lithium Ion Phosphate
	Usable Capacity @ 25°C	45 kW	90 kW
	Number of Cycles	Up to 5000	
CONTROL	Charge Time (hours approx)	2	5
	Service life (years)	> 5	> 5
MECHANICAL	System Controls (All models)	<p>Remote telemetry connection via local WiFi or 4G internet connection.</p> <ul style="list-style-type: none"> Low power / fuel alarm & monitoring. Generator control; load management, optimised quiet hours and scheduled runs. Enhanced system management. Ability for users to program custom logic sequences. System commissioning/decommissioning assistants. <p>Controlled by App. (Android or Apple)</p> <ul style="list-style-type: none"> Troubleshooting assistants & diagnostics. User friendly graphical performance & event logs. Enhanced environmental control. Remote communication, monitoring & control. <p>Remote telemetry: Dashboard</p>	
	Soft start timer	24/7 manually operated timer with soft start functionality to prevent overloading	
	Generator Autosmart	Plug N Play 3rd party generator input with automatic Start/Stop	
ENVIRONMENTAL	Operating Temperature Range (°C)	-20°C to +55°C Humidity (non-condensing): max 95%	
	Dimensions (mm)	W1230 x L1750 x H1450mm	W1330 x L2170 x H1650mm
MECHANICAL	Weight (kg)	2200kg	2500kg
	Lift Points	Forklift pockets & bottom lift	

Solar Smart [Site]



Connect Power Pods with Solar Smart Panels & Solar Pods to save more energy. Power large and small sites.



Award winning welfare Designed & built in the UK



www.easycabin.co.uk 01582 486663 info@easycabin.co.uk

DESIGNED & BUILT IN THE UK

EasyCabin Head Office & Factory, Unit 10, Cosgrove Way, Luton, Beds, LU1 1XL

FOOTNOTES

I. Annual solar input based on usage hours per day, 130 days in winter mode and 130 days in summer mode. Each day is a typical usage day. 60p per litre red diesel.

II. CO2 per Litre of fuel / DEFRA 2019 figures. Red Diesel = 2.758

III. Solar panels achieve maximum output in direct sunlight, but they work in normal daylight and cloudy weather too. The amount of power a 48v solar panel or charging kit generates in cloudy weather will be lower compared to direct sunlight. Also the positioning of the cabin will affect the solar charging of the batteries i.e. under trees, etc. Solar assessment is based at Luton, Bedfordshire, UK.

IV. This assessment is guidance ONLY. As part of our on-going commitment to improvement we reserve the right to alter specifications, designs or figures, without prior notice. All dimensions and weights are approximate.