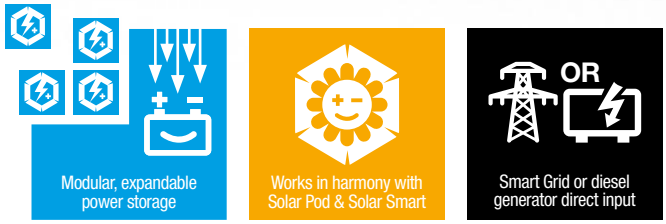
Power Pod

Use batteries as your primary power

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



AJC EasyCabin

Sustainable power is easy.

DESIGNED & BUILT IN THE UK

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 and your units. Add more Power Pods for more storage.

Our Autosmart system ensures that all the end user needs to do is switch on and use.

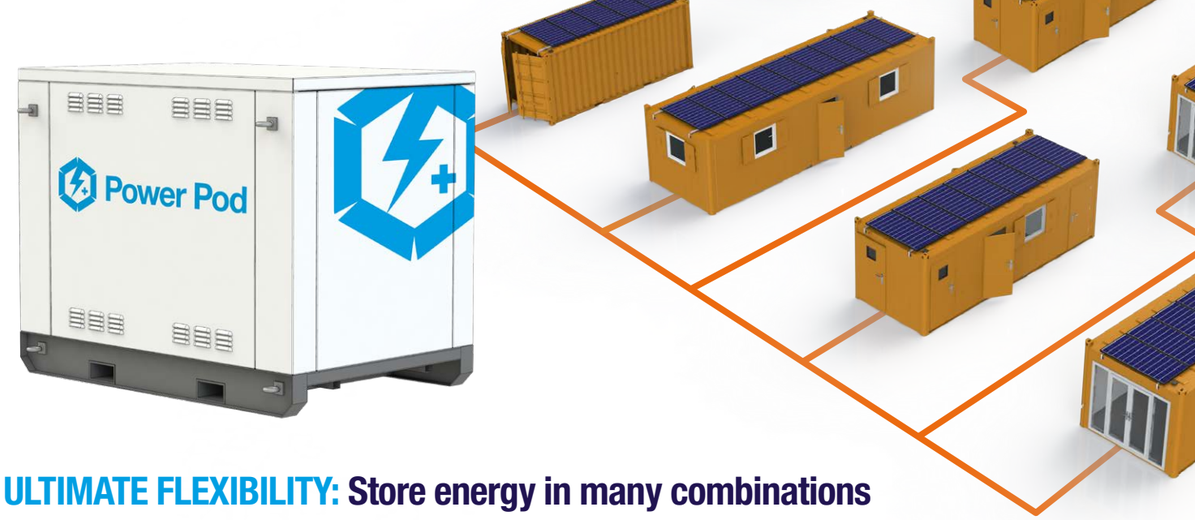
There are 3 model options with various power outputs and storage capacities.

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.

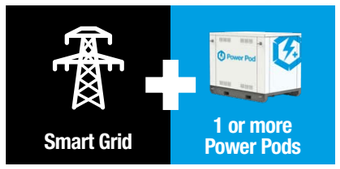
The Power Pod is designed to work in harmony with other EasyCabin products to increase efficiency further.

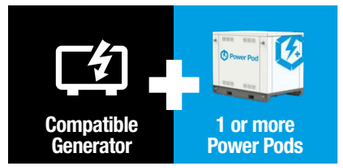
Adding a Solar Pod into the chain will allow solar energy to be stored in the Power Pod. Effectively increasing the power storage potential of the Solar Pod. The Power Pod has the capability to control the Solar Pod's integral backup generator to charge and meet power demands.

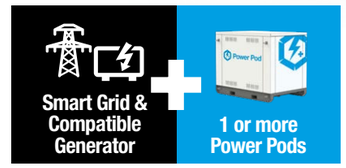
Adding the Power Pod to a Solar Smart Panel installation, allows storage when demands is low and lowers dependence on the grid or other backup power generators.



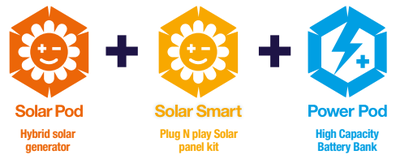
ULTIMATE FLEXIBILITY: Store energy in many combinations



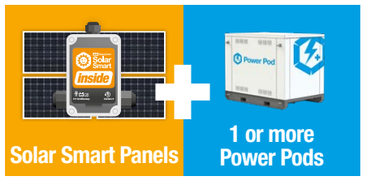


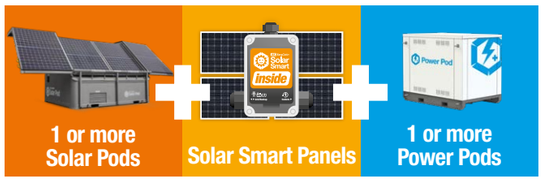


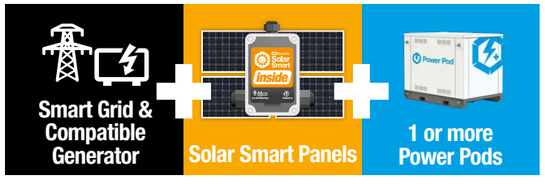
Solar Smart Site



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







		Power Pod 60	Power Pod 100	Power Pod 200
OUTPUT	Prime Rating @ 25°C	200Amp / 60kVA / 48kW	125Amp 3P / 107kVA / 86kW	250Amp 3P / 214kVA / 172kW
	AC Output Voltage	50Hz, 230V		
	Output Connections	2 x 125Amp single phase IP67 CEE Socket outlets, RCBO protected	1 x 125A three phase IP67 CEE Socket outlet, RCBO protected OR 1 x 125A single phase IP67 CEE Socket outlet, RCBO protected	2 x 125A three phase IP67 CEE Socket outlet, RCBO protected OR 2 x 125A single phase IP67 CEE Socket outlet, RCBO protected
	Additional output connections	1 x 125A three phase, RCBO protected OR 1 x 125A single phase, RCBO protected		2 x 125A three phase, RCBO protected. OR 2 x 125A single phase, RCBO protected.
INPUT	Generator backup power	36kVA	110kVA	200kVA
	Pass Through	2 x 100amp	100amp (3 phase)	200Amp 3Phase
	Grid Connection	2 x 125Amp	125Amp 3phase	250Amp 3Phase
STORAGE	Type	AGM (Absorbent Glass Matt)		
	Capacity @ 25°C	40kW	60kW	120kW
	Charge Time (hours approx)	2	5	8
	Service life (years)	> 5	> 5	> 5
CONTROL	System Controls (All models)	**Remote telemetry connection via local WiFi or 4G internet connection.** **Controlled by App. (Android or Apple)** • 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. • Troubleshooting assistants & diagnostics. • User friendly graphical performance & event logs. • Enhanced environmental control. • Remote communication, monitoring & control.  Remote telemetry: Dashboard		
	Soft start timer	24/7 manually operated timer with soft start functionality to prevent overloading		
	Generator telemetry (optional)	• Monitoring. • Enhanced system management. • Generator control. • Troubleshooting assistants & diagnostics. • Event logs. • Remote communication, monitoring & control.		
ENV	Operating Temperature Range (°C)	-20°C to +55°C Humidity (non-condensing): max 95%		
MECHANICAL	Dimensions (mm)	1300mm wide x 2000mm long x 1600mm high	1300mm wide x 2000mm long x 1600mm high	1300mm wide x 2000mm long x 1800mm high
	Weight (kg)	2200kg	2500kg	4500kg
	Lift Points	Forklift pockets & bottom lift		

Award winning welfare **Designed & built in the UK**

2020 Winners THE INTERNATIONAL CSR EXCELLENCE AWARDS for companies that have a heart

Hae eHa Hire Awards of Excellence 2020 Hire Industry Product Of The Year.

AJC EasyCabin

2017 WINNERS 2018 WINNERS 2018 WINNERS 2019 WINNERS WINNERS 2020

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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.

Carbon emission statistics are from Department for Business, Energy & Industrial Strategy. Greenhouse gas reporting: conversion factors 2019. https://www.gov.uk/government/organisations/department-for-business-energy-and-industrial-strategy