

POWER SAVING SOLUTIONS

HOME OF THE HUSSH POD

EST. 2013

Product Guide



 **MADE IN
BRITAIN**®

HIRE ● SALES ● SERVICE



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POWER SAVING SOLUTIONS

HOME OF THE HUSSH POD

EST. 2013

Welcome to our first Hussh Pod Brochure

Since our inception in 2013, we've strived to give our customers the best mobile battery storage products available in the market. Providing silent power to off grid sites throughout the world.

10 years later, we continue with that ambition, utilising our engineer's fantastic knowledge and skill. And by using the finest components on the planet from our lithium iron phosphate batteries to Victron inverters.

When choosing a battery storage product, always remember that this is energy storage and not energy generation. The best place to start is by defining what's your power consumption and how long do you need it to be powered for before the batteries need to be recharged? How will I charge the batteries, is it with any renewable energy source, grid or diesel generator?

This brochure provides visuals and product specifications that cover almost any power need but if you still don't see what you're looking for then please contact us where one of our sales team will help you create the solution you need.

Thank you for taking the time to read through it and hopefully becoming one of our valued customers.

Andy Richardson

Managing Director
Power Saving Solutions



Contents

Introduction	4 - 5
Why Choose the 1/4 Hussh Pod?	6 - 7
Why Choose the 5/15 Hussh Pod?	8 - 9
Why Choose the 10/20 Hussh Pod?	10 - 11
Why Choose the 30/45 Hussh Pod?	12 - 13
Why Choose the 45/90 Hussh Pod?	14 - 15
Why Choose the 60/100 Hussh Pod?	16 - 17
Why Choose the HV150 Hussh Pod?	18 - 19
Why Choose the HV175 Hussh Pod?	20 - 21
Why not go Bespoke?.....	22 - 23
What more can we provide for you?.....	24 - 25
How will your Hussh Pod perform?.....	26 - 27
Contact Us	28



POWER SAVING SOLUTIONS
POWERSAVINGSOLUTIONS.CO.UK

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HUSSH POD
BATTERY POWER



Your essential Hussh Pod guide

Here at Power Saving Solutions, we are focused on leveraging as much as possible from the advances in battery technology to provide businesses with power-saving solutions that can really make a difference.

In this brochure, you can explore our range of battery units that can help you power your site, help you save on fuel costs and meet your emission reduction targets.

Who are we?

Power Saving Solutions are a leader of battery storage units and have been designing, manufacturing and supplying our Lithium Ion battery power units for commercial use for over 12 years. We are Safe Contractors certified, members of the construction plant-hire association, an accredited gold member of The Green Organisation, and a certified Living Wage employer.

What is a Battery Storage Unit?

Battery Energy Storage Systems (BESS) – we call ours Hussh Pods – have become a first choice for building contractors, mobile caterers, and event organisers – because they deliver low-cost renewable energy, minimise diesel usage, and are reliable 24/7.



As a more sustainable external power solution, BESS (in particular our Hussh Pods) help to reduce the carbon footprint of any project, provide evidence of carbon cutting for sustainability reporting and demonstrate a further commitment to more environmentally-friendly choices.

The benefits of a battery storage unit is automated switching from a conventional diesel powered engine when the load is low, and drawing energy from an internal storage battery instead, and it is becoming very popular.

But many organisations aren't aware that the technology is advancing all the time – making the use of battery storage units cleaner, more cost-effective and functional than ever. We understand that operational requirements and goals vary greatly from one organisation to the next, so we design our Hussh Pod battery units to meet every conceivable application and need. More significantly, all our Hussh Pods have been designed for maximum efficiency, in order to reduce emissions and derive the optimal energy and cost savings for our customers.

Here's to the next steps in your sustainable energy journey, take a look at our product portfolio and if you would like to discuss this further, please do not hesitate to contact us:

- enquiries@powersavingsolutions.co.uk
- call us at 03030 310409
- www.powersavingsolutions.co.uk





Save Big On Costs

Reduce CO₂ Emissions



Silent Operation

Save Fuel



Our Hussh
Pods
Core
Products
Key



Phase	Inverter size	Battery Capacity (kWh)
1/4	1kva	4
5/15	5kva	15
10/20	10kva	20
30/45	30kVa	45
45/90	45kVa	90
60/100	60kVa	100
HV150	150kW	150
HV175	175kW	175





HUSSH POD

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Why Choose the 1/4 Hussh Pod?

1/4

The Hussh Pod 1/4 is a power saving solution for all your mobile and portable needs.

4kWh
of useable
lithium iron
phosphate
battery storage

Specialising in on-the-go projects, the Hussh Pod 1/4 is perfect for a cleaner replacement for small diesel generators.

1.2kVA
Inverter output

The Hussh Pod 1/4 is different from the other models as it provides a fantastic portable power supply, used for any number of utilities.

5000 battery
cycles

They are regularly used to power lighting rigs, water pumps, hand tools and extraction fans to name but a few.

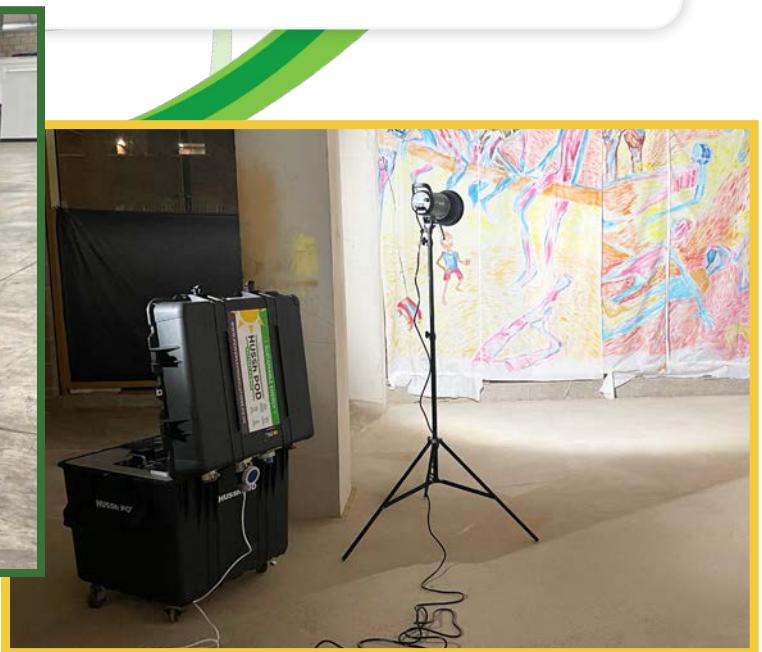
4 hours
recharge time

It doesn't emit exhaust fumes, so it can be used indoors as an ideal replacement for diesel generators.

It can be easily carried in the back of any work van and is the perfect power provider in enclosed environments.

The charging process is very simple once the 1/4 has completed its task it is plugged into a 13amp or 16amp supply to replenish its lithium battery.

This Hussh Pod can be charged and used in conjunction with any number of renewable energy solutions, standard diesel gen-set or plugged into the mains.





AC Output

AC Voltage Range	230 VAC +/- 2%
Frequency Range	50Hz +/- 0.1%
Usable Battery Power	4kWh
Inverter Rated Power	1.2kVA
Continuous Power @ 25°C (VA)	1.2kVA

AC Input

Input Voltage (V)	230V AC
Input Frequency	50Hz
Maximum Feed Through Current (A)	N/A
Weight of inverter	10kg

Battery - Lithium LiFePO4

Depth of Discharge	Max 90%
Battery Configuration	Battery Module 100ah; 51.2V
Useable Capacity	4kW
Nominal Output	5kW
Nominal Voltage	51.2 VDC
Efficiency	>97%
Battery Management	Yes
Voltage Range	46.5-54V
Interfaces	RS485/CAN
No. of Cycles	5000 (+25°C; 0,4C)

General Data

Pod Dimensions (LxWxH)	700 x 700 x 740mm
Weight	86kg



HUSSH POD

BATTERY POWER

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Why Choose the 5/15 Hussh Pod?

A versatile and compact battery power storage unit.

Our Hussh Pod 5/15 is a superb 5kVA, single-phase (1 x 5kVA inverter), 15kWh lithium iron phosphate battery power Hussh Pod.

This Hussh Pod can be charged and used in conjunction with any number of renewable energy solutions or most commonly with a 20-40kVA diesel gen-set that has an auto start function.

Where it can be used

They are regularly used to power telecoms towers, tower crane lights, single phase water pumps and traffic management systems.

The Hussh Pod 5/15 is equipped with a full remote monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year.

Email alarms can also be easily set up to tell you if there are any power problems on site.

5/15

Single-phase
5kVA inverter

15kWh
of useable
lithium iron
phosphate
battery storage

Used most
commonly
with 20-40kVA
diesel gen-set





Battery - Lithium LiFePO4



Depth of Discharge	90% (Maximum depth - 100%)
Battery Configuration	Battery Module 100ah; 51.2V
Useable Capacity	4kW
Nominal Output	5kW
Efficiency	>97%
Battery Management	Yes
Active Balancing	Yes
Voltage Range	48,8-57.6 V
Interfaces	RS483
No. of Cycles	5000 (+25°C; 0,4C)
Weight	43kg
Dimensions LxWxH (mm)	483 x 490 x 130

AC Output

AC Voltage Range	230-250 VAC +/- 2%
Usable Battery Power (c10)	15 kWh
Inverter Rated Power	5 kVA

General Data

Pod Dimensions LxWxH (mm)	1,040 x 1,010 x 810
Weight	370kg

AC Input - Inverter

Input Voltage Range	230-250 VAC +/- 2%
Maximum Feed Through Current (A)	32

Connections

Input	1 x 32A (Single Phase)
Output	1 x 16A (Single Phase)



HUSSH POD

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Why Choose the 10/20 Hussh Pod?

10/20

Our Hussh Pod 10/20 is a superb 10kVA, single-phase (1 x 10kVA inverter), 20kWh (lithium iron phosphate battery power) Hussh Pod.

This Hussh Pod can be charged and used in conjunction with any number of renewable energy solutions or most commonly with a 20-60kVA diesel gen-set that has an auto start function.

Where can it be used

This Pod is regularly used for water management zones, tower crane lights, small site set-ups (approximately 1 or 2 cabins).

The Hussh Pod 10/20 is equipped with a full remote monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year.

Email alarms can also be easily set up to tell you if there are any power problems on site.

Used most commonly with 20-60kVA diesel gen-set

20kWh of useable lithium iron phosphate battery storage

Single-phase 10kVA inverter





AC Output

AC Voltage Range	230 VAC +/- 2%
Frequency Range	50Hz +/- 0.1%
Inverter Rated Power	10kVA

AC Input - Inverter

Input Voltage Range	230VAC
---------------------	--------

Battery - Lithium LiFePO4

Depth of Discharge	90% (Maximum depth - 100%)
Battery Configuration	Battery Module 100ah; 51.2V
Useable Capacity	4kW
Nominal Output	5kW
Efficiency	> 97%
Battery Management	Yes
Active Balancing	Yes
Voltage Range	48,8-57.6V
Interfaces	RS485/CAN
No. of Cycles	5000 (+25°C; 0,4C)
Weight	43kg
Dimensions LxWxH (mm)	483 x 490 x 130

General Data

Pod Dimensions LxWxH (mm)	1040 x 1010 x 810
Weight	370kg

Connections

Input	1 x 32A (Single Phase)
Output	1 x 32A (Single Phase)



HUSSH POD

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Why Choose the 30/45 Hussh Pod?

A powerful workhorse that's a favourite within the construction industry!

Our Hussh Pod 30/45 is the 'go to' battery unit of choice for almost all standard site set ups on both a standard platform or trailer mounted.

This is a 30kVA, 3-phase (1 x 10kVA inverter per phase), 45kW (lithium iron phosphate battery power) Hussh Pod.

It can also easily be reconfigured as a single-phase unit to provide a more powerful unit with the inverters working in parallel.

The Hussh Pod can be charged and used in conjunction with any number of renewable energy solutions or with a standard diesel gen-set that has an auto start function.

If you need the extra capacity, our 30/45 Hussh Pods are able to be daisy chained - 2x 30/45 could make a 30/90 - double the battery storage!

Where it can be used

This Pod is regularly used to power full site set-ups (up to 8 cabins), providing power to off-line turbines, peak lopping, telecoms and tower cranes.

This solution is also equipped with a full monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year. Email alarms can also be easily set up to tell you if there are any power problems on site.

30/45

30kVA three phase inverter

45kWh of useable stored power

Our most popular Hussh Pod!





AC Output

AC Voltage Range	400 VAC +/- 2%
Frequency Range	Frequency 50 Hz +/- 0.1%
Usable Battery Power	45kWh
Inverter Rated Power	1x10kVA per phase (3-phase)
Maximum Feed Through Current (A)	100

AC Input - Inverter

Input Voltage Range	38 - 66V
Input Frequency	45 - 65 Hz
Maximum Feed Through Current (A)	3 x 100
Weight	3 x 42kg
Dimensions LxWxH (mm)	444 x 350 x 280 (per inverter)

Connections

Input	1 x 125A (3 Phase, 1 x 63A (3 Phase)
Output	1x125A (3 Phase), 1x 63A (3 Phase), 1 x 32A (3 Phase), 2 x 32A (Single Phase), 1 x 16A (Single Phase)

Battery - Lithium LiFePO4

Depth of Discharge	90% (Maximum Depth - 100%)
Battery Configuration	Battery Module 100ah; 48-51V
Useable Capacity	5kW
Nominal Output	5kW
Efficiency	>97%
Battery Management	Yes
Active Balancing	Yes
Voltage Range	48,8-57,6 V
Interfaces	RS485/CAN
No. of Cycles	5.000 (+25°C; 0,4C)
Weight	43kg
Dimensions LxWxH (mm)	483 x 490 x130

General Data

Pod Dimensions LxWxH (mm)	1550 x 1250 x 1610
Weight	1210kg





HUSSH POD

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Why Choose the 45/90 Hussh Pod?

45/90

The 45/90 Hussh Pod is one of our most powerful industrial battery units and has the capabilities to power a multitude of different sites - but it doesn't stop there.

If you need extra storage capacity for your site, we are able to daisy chain our Hussh Pods, for example, a 45/90 can be doubled up to a 45/180.

A powerful, silent battery power unit, the Hussh Pod 45/90 has a 45kVA inverter and 90kWh of useable stored power – enough to power most small to medium site applications.

The 45/90 delivers reliable, clean, energy and can be combined with renewable and generator charging, it also assists in reducing both harmful emissions and noise pollution.

The 45/90 is also equipped with a full monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year.

Email alarms can also be easily set up to tell you if there are any power problems on site.

45kVA system

**90kWh
of useable
lithium iron
phosphate
battery
storage**

**Voltage
range of
48,8 - 57,6V**





AC Output

AC Voltage Range	400 VAC +/- 2%
Frequency Range	50Hz +/- 0.1%
Usable Battery Power	90 kWh
Inverter Rated Power	45kVA
Maximum Feed Through Current (A)	100A

AC Input - Inverter

Input Voltage Range	400VAC
Input Frequency	50 Hz
Maximum Feed Through Current (A)	100A
Weight	72kg Each
Dimensions LxWxH (mm)	572 x 488 x 344 (per inverter)

Connections

Input	1 x 125A (3 Phase), 1 x 63A (3 Phase)
Output	1 x 125A (3 Phase), 1 x 63A (3 Phase), 1 x 32A (3 Phase), 10 x 32A (Single Phase), 2 x 16A (Single Phase)

Battery - Lithium LiFePO4

Depth of Discharge	100% / 90% (Maximum depth - 100%)
Battery Configuration	Battery Module 100ah; 51.2V
Useable Capacity	4.9kW
Nominal Output	5kW
Efficiency	>97%
Battery Management	Yes
Active Balancing	Yes
Voltage Range	48,8-57,6V
Interfaces	RS485/CAN
No. of Cycles	3500 / 5000 (+25°C; 0,4C)
Weight	43kg
Dimensions LxWxH (mm)	442 x 431 x 177.5

General Data

Pod Dimensions LxWxH (mm)	2150 x 1250 x 1900
Weight	2100kg





HUSSH POD

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Why Choose the 60/100 Hussh Pod?

60/100

The 60/100 Hussh Pod is one of the highest powered pods in our hire fleet, offering unparalleled power and efficiency. Alongside this, this Hussh Pod unit offers even bigger opportunities for industry.

60kVA system

The Hussh Pod 60/100 is a robust and silent battery power unit featuring a 60kVA inverter and 100kWh of usable stored energy, ideal for powering small to medium-sized site applications.

**100kWh
of useable
lithium iron
phosphate
battery
storage**

It provides dependable, clean energy and supports integration with renewable energy sources and generator charging, significantly cutting down on emissions and noise pollution.

**Voltage
range of
48,8 - 57,6V**

If you need extra storage capacity for your site, we are able to daisy chain our Hussh Pods, for example, a 60/100 can be doubled up to a 60/200.

The 60/100 is also equipped with a full monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year.

Email alarms can also be easily set up to tell you if there are any power problems on site.





AC Output

AC Voltage Range	400 VAC +/- 2%
Frequency Range	50Hz +/- 0.1%
Usable Battery Power	100 kWh
Inverter Rated Power	60kVA
Maximum Feed Through Current (A)	100A

AC Input - Inverter

Input Voltage Range	400VAC
Input Frequency	50 Hz
Maximum Feed Through Current (A)	3 x 100A
Weight	72kg Each
Dimensions LxWxH (mm)	572 x 488 x 344 (per inverter)

Connections

Input	1 x 125A (3 Phase), 1 x 63A (3 Phase)
Output	1 x 125A (3 Phase), 1 x 63A (3 Phase), 1 x 32A (3 Phase), 10 x 32A (Single Phase), 2 x 16A (Single Phase)

Battery - Lithium LiFePO4

Depth of Discharge	100% / 90% (Maximum depth - 100%)
Battery Configuration	Battery Module 100ah; 51.2V
Useable Capacity	4.9kW
Nominal Output	5kW
Efficiency	>97%
Battery Management	Yes
Active Balancing	Yes
Voltage Range	48,8-57,6V
Interfaces	RS485/CAN
No. of Cycles	3500 / 5000 (+25°C; 0,4C)
Weight	43kg
Dimensions LxWxH (mm)	442 x 431 x 177.5

General Data

Pod Dimensions LxWxH (mm)	2150 x 1250 x 1900
Weight	2300kg





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Why Choose the 150/150 Hussh Pod?

The 150/150 PSS Modular BESS is a series of modularised scalable battery energy storage systems suitable to use in utility applications and renewable energy storage applications.

This prefabricated system consists of approved lithium-ion battery strings, BMS, EMS, PCS, transformer, fire suppression system, and a cooling unit.

This helps ensure your power continuity, optimise your energy bills by peak-shaving and load-shifting, and reduce your total cost of ownership by taking part to micro auxiliary service.

This is completely new to our BESS offering where new key features include on grid, island mode and hybrid support, modular design, long life and stabilised discharge, cloud-based dispatch, accurate and consistent balancing, RTU Based Control & IP54 Protection Rating, and you can join up to an eight unit microgrid within a 3-mile radius.

The HV150 is also equipped with a full monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year.

Email alarms can also be easily set up to tell you if there are any power problems on site.

150/150

150kW system

150kWh
of useable
lithium iron
phosphate
battery
storage

Voltage
range of
645-940V





AC Data

Rated AC Power	150kW
Maximum AC Power	164.8kW
Rated Voltage	400v
Grid Voltage Range	342 - 418v (Configurable)
AC Line Current	237A
Output THDi	<3%
AC Power Factor	0.1-1 Leading or Lagging (Controllable)
AC Output	3 Phase 4 Wire + PE

Working Altitude

Max 3000m/10000Feet
(>2000m/6500Feet
Derating)

Cooling Concept

Air Cooling (Liquid
Optional)

Fire Suppression System

FM-200 (Optional)

Communication Interfaces

RS485, Ethernet,
GPRS, Modbus

General Data

Dimensions (LxWxH)	2400mm x 1580mm x 2200mm
Weight	3500kg
Degree of Protection	IP54
Operating Temperature Range	-20 ~40°C
Charging Temperature Range	0 ~40°C
Relative Humidity	0-95% (non-condensing)

Battery Chemistry

Lithium Iron
Phosphate

Cell Life Cycle

5000 Cycles 80%
Retention @1C 25°C

Cell Spec

51.2/200Ah

String Configuration

1P224S

Number of Strings

1

DC Rated Energy Capacity

164.8Kwh

Rated Voltage

716.6V

Voltage Range

645-940V

BMS Communication Interface

RE485, Ethernet

BMS Communication Protocol

Modbus- RTU,
Modbus- TCP

DC Data

HUSSH POD

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Why Choose the 175/175 Hussh Pod?

The HV175 is our most powerful PSS Modular BESS, consisting of a series of modularised scalable battery energy storage systems suitable to use in utility applications and renewable energy storage applications.

This prefabricated system consists of approved lithium-ion battery strings, BMS, EMS, PCS, transformer, fire suppression system, and a cooling unit.

This helps ensure your power continuity, optimise your energy bills by peak-shaving and load-shifting, and reduce your total cost of ownership by taking part to micro auxiliary service.

This is completely new to our BESS offering where new key features include on grid, island mode and hybrid support, modular design, long life and stabilised discharge, cloud-based dispatch, accurate and consistent balancing, RTU Based Control & IP54 Protection Rating, and you can join up to an eight unit microgrid within a 3-mile radius.

The HV175 is also equipped with a full monitoring and data platform. This will allow you to view the current and past performance of the Pod, 24/7, 365 days of the year.

Email alarms can also be easily set up to tell you if there are any power problems on site.

175/175

175kW system

175kWh
of useable
lithium iron
phosphate
battery
storage

Voltage
range of
645-940V





AC Data

Rated AC Power	175kW
Maximum AC Power	194kW
Rated Voltage	400v
Grid Voltage Range	342 - 418v (Configurable)
AC Line Current	253A
Output THDi	<3%
AC Power Factor	0.1-1 Leading or Lagging (Controllable)
AC Output	3 Phase 4 Wire + PE

Working Altitude

Max 3000m/
10000Feet (>2000m/
6500Feet Derating)

Cooling Concept

Air Cooling (Liquid
Optional)

Fire Suppression System

FM-200 (Optional)

Communication Interfaces

RS485, Ethernet,
GPRS, Modbus

General Data

Dimensions (LxWxH)	2400mm x 1580mm x 2200mm
Weight	3695kg
Degree of Protection	IP54
Operating Temperature Range	-20 ~40°C
Charging Temperature Range	0 ~40°C
Relative Humidity	0-95% (non-condensing)

DC Data

Battery Chemistry	Lithium Iron Phosphate
Cell Life Cycle	5000 Cycles 80% Retention @1C 25°C
Cell Spec	51.2/200Ah
String Configuration	1P304S
Number of Strings	1
DC Rated Energy Capacity	194Kwh
Rated Voltage	972.8V
Voltage Range	645-940V
BMS Communication Interface	RE485, Ethernet
BMS Communication Protocol	Modbus- RTU, Modbus- TCP



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Brand it to your company!

Why not go Bespoke?

- Custom Hussh Pods can be designed to meet your specific site demands, optimising energy storage and usage.

This tailored approach ensures minimal energy waste and maximises efficiency, leading to significant cost savings and reduction in CO₂ emissions.

- Scale it to your company's growth

If one of our pre-made Hussh Pods doesn't quite fit the needs of your business, we are able to supply a suitable Hussh Pod that will be scaled to your company's growth, avoiding the need to replace or require alternate versions of the Hussh Pod.





Talk to us about your site requirements!

- We can build your Hussh Pod even bigger!

If your site requires a bigger size outside of our core range - we can build Hussh Pods all the way up to a 90kVA inverter output and 216kWh of useable lithium iron phosphate battery storage.

- Use your own company branding

A custom-branded bespoke Hussh Pod can significantly boost your company's reputation for environmental responsibility, highlighting your dedication to a sustainable and innovative mission.



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It doesn't stop there...

There's no limit to a Huss Pod's potential, and there's so much more to explore in our product portfolio, that could benefit your business.

PSS Erica Boards

An Erica board is mounted on a free standing frame in an IP65 Rated steel enclosure.

The Erica hardware is fitted into our own bespoke distribution boards, where it gathers power consumption data and sends it straight to your desktop. Improving management of site power usage, such as low energy products and active power switching requires the right knowledge. Erica brings this information right to the power engineers' desk, enabling them to make the optimum choice for power usage and to improve battery usage and sustainability.

The Erica Board has live data monitoring, enabled by Wi-Fi or 4G connectivity, with an ability to pre-set power controls and turn the power on and off using the online dashboard.

Specifications

Input	125a/3Phase
Output	10 x 32a 1 Phase Socket outputs, 2x 16A 1 Phase Socket Outputs, *Option for 32A 3Phase output (on trailing socket), *Option for 63A 3Phase output (on trailing socket)
Maximum Feed Through Current (A)	100



Tel : 03030 310409
www.powersavingsolutions.co.uk



Vehicular Pods

You may require your Hussh Pods to be accessible on the road, wherever you are - our vehicular pods are the answer.

Having a battery storage unit fixed into a van opens up a lot of opportunities and several utilisations.

These units will allow the vehicle to serve as portable power - ideal for powering up equipment, tools and electronic devices. Having the ability to apply your pod without relying on a stationary source is crucial for industries such as construction, film production and emergency services, where certain challenges may occur that require mobility.

The Pod-in-a-van has a 30/55 model fitted inside the vehicle, with 55kW of useable lithium iron phosphate storage.



Trailer Units

Our Power Saving Solutions trailer units are perfect for when you require a sizeable pod, on-the-go! Just hitch your Hussh Pod on to our trailer, and tow to wherever you need your pod.

Easily transport your Hussh Pod with secure and efficient hauling, Perfect for residential or commercial use, our trailers provide reliable support for your modular living or workspace needs.





HUSSH POD

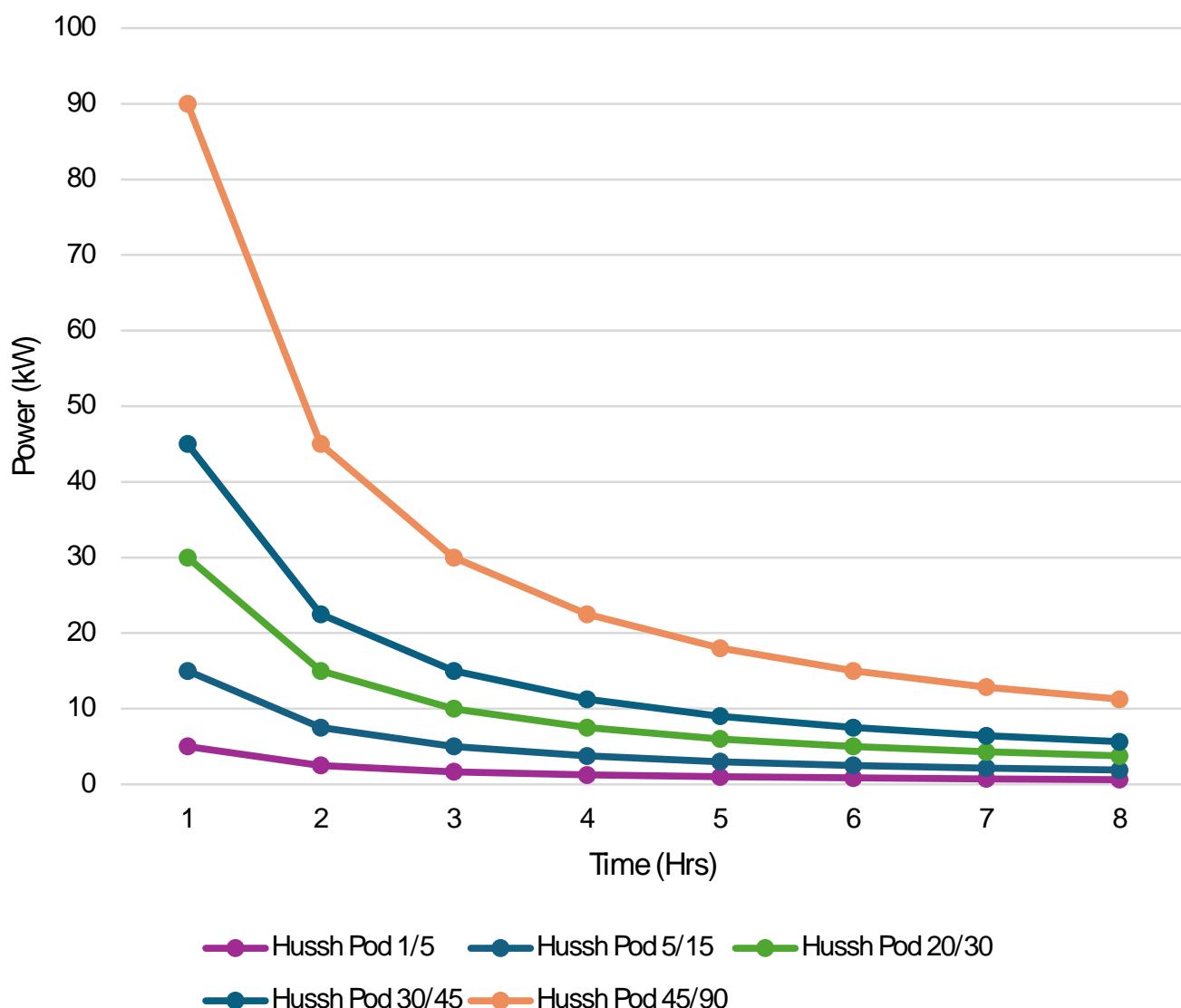
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How will your Hussh Pod perform?

It's important to know which Hussh Pod would be right for your needs, this could be dependent on how much power you may require - the charts on this page may help you determine which is the optimal pod for you.

Hussh Pod Full Load Performance 8hr Chart



Which is the right Hussh Pod for your business?

Model	1.4	5.15	10.20	30.45	45.90		
System Parameters							
Rated Power	4kw	15kw	20Kw	45Kw	90Kw		
Nominal Capacity	5Kw	16.5Kw	22Kw	49.5Kw	99Kw		
Charge And Discharge Depth		≥90%					
Cycles		5000					
Communication Interface		Ethernet/RS485/5G/CAN					
Degree of protection		IP54					
Cooling Method		Air Cooled					
Operating Temperature		0 °C ~ 55 °C					
Noise		<65dB					
Working Altitude		2000 m					
Cabinet Size (LxWxH)mm	700x700x740	1040x1010x8	1040x1010x8	1550x1250x	2150x1250x19		
Cabinet Weight (kg)	86	370	424	1210	2300		
DC Parameters							
Cell Type	Lithium Iron Phosphate 3.2v/ 100Ah						
Module Parameters	51.2V/100Ah						
Numer of Modules	1	3	4	10	20		
DC Rating	48V						
Voltage Range	38V - 66V						
Balance Way	Active						
AC Parameters							
Rated Continuous Current	27.17	89.67	119.5	89.6	179.3		
Rated Voltage	230V +/- 2%			230V - 400V +/- 2%			
Maximum Feed Through Current	2x 100A						
Access Method	16A Single Socket				1x 125A Socket, 1x63A Socket		
Outlet Method	16A Single Outlet		32A Single Outlet	1x 125A 5pin, 1x63A 5pin, 1x32A 5pin, 10x32A 3pin, 2x16A 3pin Outlet			
Rated Frequency	50Hz						
Overload Capacity	110% - 10min, 120% 1min						
Power Factor	0.8						



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