

HUSSh POD

BATTERY POWER

HUSSH POD 45/90 INFOSHEET

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. It delivers reliable, clean, energy and can be combined with renewable and generator charging.

The Hussh Pod 45/90 has unparalleled performance – reducing both harmful emissions and noise pollution.

We are committed to delivering the best option for our clients' needs with a bespoke frame.

Other applications include remote telemetry for construction sites, demolition areas, road side traffic monitoring, temperature monitoring, gas monitoring, weather monitoring and borehole water levels.

With access to each individual Hussh pod's energy consumption data, you can see when, where and how much energy is being used. Demonstrate to supervisors and clients the savings on CO₂ and fuel that are being made.

Using the web-based app, adjustments can be made to the Hussh Pod's energy management.

All your power consumption data is available in a live feed and can be accessed 24/7 by phone, tablet or laptop – from anywhere in the world.



Reduced Emissions



Silent Operation



Fuel Saving



Cost Savings



AC Output

AC Voltage Range	230-400 VAC +/- 2%
Frequency Range	Frequency 50 Hz +/- 0.1%
Stored Battery Power (c10)	90kwh
Inverter Rated Power	45kVA
Continuous Power at 25°C (VA)	45kVA
Maximum Feed Through Current (A)	3 x 200

AC Input - Inverter

Input Voltage Range (V DC)	38 - 66V
Input Frequency	45 - 65 Hz
Maximum Feed Through Current (A)	3 x 200
Weight	72kg
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), 2 x 32A (Single Phase), 1 x 16A (Single Phase)

Battery

Lithium Ion Phosphate

Depth of Discharge	90% (Maximum depth – 100%)
Battery Configuration	Battery Module 100ah; 51.2V
Useable Capacity	4kw
Nominal Output	5kw
Nominal Voltage	51,2 VDC
Efficiency	> 97%
Battery Management	Yes
Active Balancing	Yes
Voltage Range	48,8-57,6 V
Interfaces	RS485/CAN
No. of Cycle	5.000 (+25°C; 0,4C)
Weight	38kg
Dimensions LxWxH (mm)	483 x 490 x 130

General Data

90kw

Pod Dimensions LxWxH (mm)	2200mm x 1350mm x 2000mm
Weight	2300kg