

# HUSSh POD

## BATTERY POWER

## HUSSH POD 30/45 INFOSHEET

A powerful, silent battery power unit, the Hussh Pod 30/45 has a 30kVA three phase inverter and 45kwh 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 30/45 has unparalleled performance – reducing both harmful emissions and noise pollution.

We are committed to delivering the best option for our clients' needs with a suitable customised housing, and we'll perform a full site set-up to help you get the maximum benefit and efficiency from your unit.

Other applications would 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. Prove to your supervisors or clients how much your Co2 emissions are being reduced – along with fuel savings both on site and the logistical fuel deliveries.

Using the web-based app, adjustments can be made to the Hussh Pod's energy management (either by yourselves or our technicians) so you can benefit from the maximum fuel and Co2 savings available.

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%
Usable Battery Power (c10)	45 kWh
Inverter Rated Power	30kVA
Maximum Feed Through Current (A)	3 x 100

### AC Input - Inverter

Input Voltage Range (V DC)	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	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 Iron LiFePO4

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

Pod Dimensions LxWxH (mm)	1,550 x 1,250 x 1,610
Weight	1210kg