

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

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|----------------------------------|--------------------------------|
| 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) | 2150mm x 1250mm x 1900mm |
| Weight | 1560kg |