



SOLAR POWER HUB

The Solar Power Hub is a solar charged portable battery system that can power the Sonitus Systems Noise, Dust or Combined units. Using solar energy, this solution removes the need for diesel generates or other pollution heavy power sources. The Solar Power Hub has a high-capacity Lithium Polymer (LiPO4) battery which is suitable for use with a continual draw from 12v environmental monitoring devices. Most batteries are optimised for high wattage use and short durations, which makes them unsuitable for powering environmental monitors.

The lithium polymer battery contained in the Solar Power Hub offers significantly reduced size and weight compared to lead acid batteries. It is also far more stable and robust than lithium-Ion batteries, which quickly lose efficiency over time if used outside optimum temperatures (10 °C to 30 °C), which are common for outdoor conditions where these systems are needed.

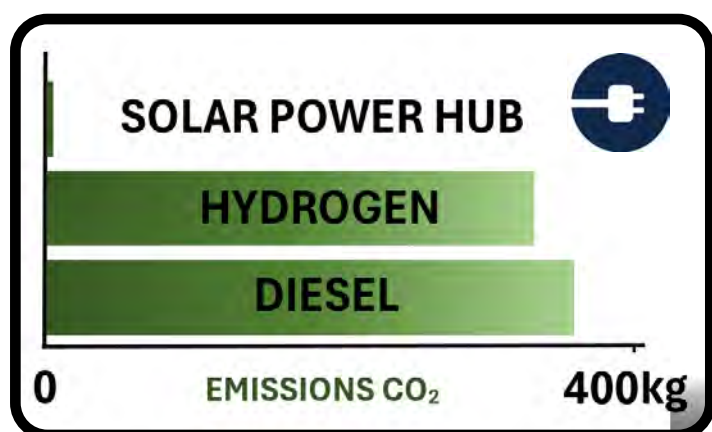
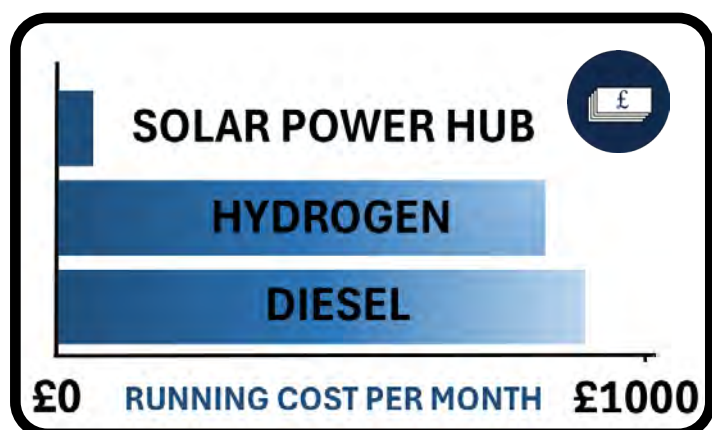
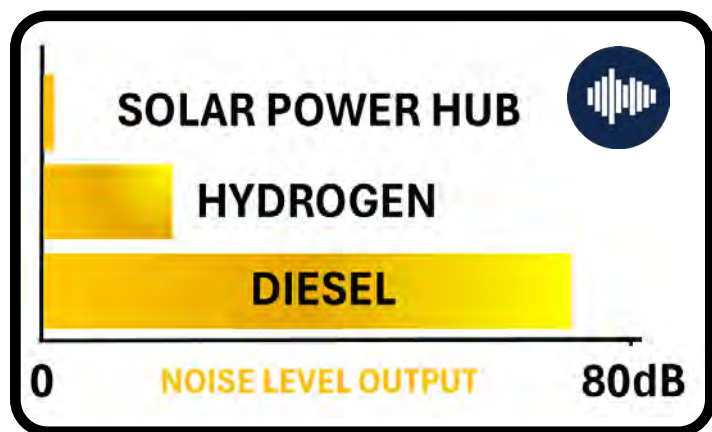
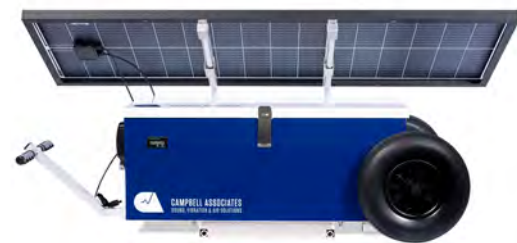
This battery is charged by the latest bi-facial 240-watt solar panel technology, and this is optimised for charging and powering the device in use, via a smart battery controller. The Solar Power Hub also includes an LCD display with the current battery status, and this can also be seen via Bluetooth on a smart phone app – The app includes solar charging data in real time at no extra charge.

The batteries themselves will power the monitoring system for many days/ weeks if solar is not available and it can be charged overnight with the supplied external DC charger. For optimal performance solar panel needs to be unshaded & facing.



CONTACT US TODAY

www.campbell-associates.co.uk | 01371 871030 | hotline@campbell-associates.co.uk



Emissions includes hydrogen generation

SPECIFICATIONS:

Dimensions: w 83 x d 39 x h 36 cm (54cm inc wheels)

Battery Power: 460 Ah Lithium Polymer battery

External Power: AC/DC adapter included

User Interface: Smart-controller app to see charger status & battery level via Bluetooth

User Interface: LCD built-in battery level indicator

Enclosure: Weather-proof metal box with water-proof enclosure for power inlets

Compatibility: 12v environmental monitors (speak to us about adapting to power other devices)

Weight: 40 kg including batteries (robust wheels & handle ensure portability)

Solar Panel:

240w power

Bi-facial design to optimise solar energy

Dimensions: 150 cm long* may vary

Parts:

Detachable robust outdoor wheels

Detachable clip in handle

Detachable bars for solar panel



CONTACT US TODAY

www.campbell-associates.co.uk | 01371 871030 | hotline@campbell-associates.co.uk