

Teilnahme-Formular (2)

Warum verdient das Produkt den Preis TRAILER Innovation 2011?

Bitte beschreiben Sie die Innovation Ihres Produktes.

Providing a new, mobile, emissionfree and therefore environment friendly heat and power supply for off-grid applications. The power supply is based on hydrogen using fuel cells. The permanent electrical output is possible up to 5kW.

**Welche Probleme löst das Produkt? Was ist der wichtigste Vorteil für den Anwender?
Netzunabhängige Stromversorgung mit innovativer Brennstoffzellentechnologie.**

Advantages:

- mobile
- off-grid usable
- permanent output up to 5kW_{el}
- voltage level 12V_{DC} to 380V_{AC}
- continuous operation possible (no akku-charging time or akku-exchange necessary)
- silent
- no vibrations
- no harmful exhaust gases
- environment friendly

Applications: power supply for ...

- mobile control rooms (e.g. firefighters, emergency managements, events...)
- high sensitive measurement tasks
- use in sensitive environment
- uninterruptable power supply function (UPS)
- power supply and air conditioning for mobile data processing centers
- tbc. ...

Bitte beschreiben Sie kurz die Anleitung für die Benutzung Ihres Produktes.

- Bring the trailer in stable position.
- Connect the hydrogen supply with the fuel cell system
- The fuel cell system is within 60 seconds ready for use.