



## Smart Fuel Cell

## SFC A 25



### Smart Fuel Cell A25 - universal and long-term energy supply

The great advantage of the Smart Fuel Cell A25 (SFC A25) is the extended energy output of the system. It delivers up to 50 Ah per day (600 Wh per day) and is suitable for various mobile, stationary and portable applications.

The SFC A25 is safe, efficient and clean. It offers a huge weight reduction to lead acid batteries, is more reliable than solar panels and is silent and has lower emissions than generators.

**Leisure:** The SFC A25 solves the severe energy problems of recreational vehicles and sailing boats. To cover the energy demand of four entire days only one fuel cartridge of about 2 kg is required. A comparable energy content of lead-acid batteries weighs about 100 kg.

**Remote Industrial:** The SFC A25 increases the reliability of traffic and telecommunication systems, danger warning and weather stations. It also recharges batteries, wherever it might be required. For most of the applications the SFC A25 has a potential for significant cost savings.





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## Technical Data

### Performance data

Continuous output	25 W
Voltage	11 –14,4 V
Maximum run time	80 h (with 2,5 liter fuel cartridge)

### Features

Operation modes	On: automatic power supply Charge: automatic charging of an external 12 V-battery
Fuel cartridge	2,5 liters exchangeable plastic container with safety lock, certificate "safety tested"
Peak power supply	Temporary up to 80 W through integrated 4 Ah battery buffer automatic recharging
Electrical Interface	12 V-standard connector DIN ISO 4165

### General data

Noise emission	< 40 dB A (at 1m distance)
Tilt tolerance	20° tilt angle from horizontal position (continuous operation) any position (temporary operation)
Operating temperature	-20 °C ... +40 °C
Atmospheric humidity	0% ... 100%
Operating altitude	Max. 3000 m
Dimensions (max. WxHxD)	465 mm x 240 mm x 162 mm
Weight	9,7 kg (including fuel cartridge)