

# Mobixane™

*A self contained portable electric power source*



- Silent
- Vibration-free
- High level current quality
- Totally clean (no polluting emissions)
- Able to indicate clearly the remaining autonomy in energy



Easy to handle and simple to stow, Mobixane™ allows all-terrain use, indoors\* or outdoors.

\* with appropriate safety precautions being taken.



### A complete energy solution:

Experts from Axane and Air Liquide are at your disposal to find the best solution that matches your needs.

For portable use, hydrogen cylinders are small and light. Once empty, they are exchanged for full ones, either at a filling point, or directly on your site.

Air Liquide has the largest hydrogen distribution network in the world. Wherever you are, there is an Air Liquide distribution centre not far away.



### Technical specifications

- Power range . . . . . 0,5 to 2,5 kW
- Overload capacity . . . . . 5 kW in 1 second
- User voltage . . . . . 110 V AC / 60 Hz  
230 V AC / 50 Hz  
48 V DC  
Battery charger mode 48 V DC
- Output sinusoid . . . . . THD<sup>1</sup> < 5% with resistive load
- Electrical protection . . . . . surge protection and short-circuitt
- Noise . . . . . 50 dba at 1 meter
- WWeight w / o storage . . . . . 75 kg
- Dimensions . . . . . 66 x 48 x 48 cm (200 liters)
- Maximum power . . . . . Instantaneous transient°C
- Storage temperature . . . . . -40°C to + 70°C
- Operating temperature . . . . . 0°C to +45°C
- Maximum altitude . . . . . Up to 3 000 meters operating
- EC label
- UL/CSA labeling . . . . . in process

<sup>1</sup> Total Harmonic Distorsion

### Fuel Cell Advantages

	Fuel Cell	Fuel Cell Advantages
Noise	***	• Silent system for night or urban use with no discomfort to end user.
Polluting emissions	***	• Emissions: water and heat, allowing indoor use.
Vibrations	***	• No vibration that can disturb human activity.
Reliability	**	• Chemical reaction simple, no moving parts.
Maintenance	**	• Maintenance every 2000 hours, no oil change operation.
Operation	**	• High efficiency remains stable across its full range of operation. • Clean process: no emissions, no grease... • Hydrogen fuel doesn't degrade with time.



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