

ROLLER PAC™



A portable fuel cell
110 - 230 V AC
power generator

- Silent
- Easy maintenance
- No emissions
- High level of power quality



ROLLER PAC™

A fuel cell system
integrated in a power
generator application



ROLLER PAC™:
an application of EVOPAC™
a 2 kW / 110 - 230 V AC
Power generator

TECHNICAL SPECIFICATIONS

- Net power 2 Continuous k Watts
- Overload capacity 4 kW for 1 second
- Volts user 110 V AC / 60 Hz - 230 V AC / 50 Hz
- Waveform Perfect sine-wave
- Electrical protection Short circuit + surge protection 360 joules
- Noise 50 dba @ 3 ft / 1 m
- Weight (less fuel) 163 lbs / 75 kg
- Dimensions 38" x 21" x 25" / 98 x 54 x 64 cm
- UL/CSA and CE labels in process
- Operating life time over 2000 hours
- System tilt + or - 10°
- Maximum power instantaneous transient
- Start time < 5 seconds
- Stop time < 5 seconds
- Storage temperature - 22°F / 131°F ; - 30°C / + 55°C
- Operating temperature 14°F / 113°F ; - 10°C / + 45°C
- Operating up to 10,000 feet / 3000 m altitude

Instrument panel

- Audible alarm Alerts operator of any errors
- Warning LED Indicates Warnings or Faults
- Reset Switch Resets system faults

Options

- communication port - system process view via Laptop
- modem for distant control

Hydrogen feed

- H₂ 99.99 %
- Pressure 0.2 bar
- integrated fuel supply for transportable applications
- flexible coupling for a remote storage location (for extended autonomy)

Hydrogen supply

- quick and safe connection at very low pressure (< 0.5 bars)

The advantages of a fuel cell system over a conventional internal combustion engine power generator:

	AXANE ROLLER PAC™	GENSET
Power	2 kW	4 k VA
Start to full power	< 5 sec	< 1 minute
Start power surge	200 %	20 %
Weight	185 lbs / 75 kg	198 lbs / 90 kg
Emissions	zero	+++
Noise at 3 ft / 1 m	50	80
Indoor use*	yes	no
Power quality (THD)	+ or - 2 %	irregular

* with adequate ventilation

Contacts

2, RUE DE CLÉMENCIAIRE - BP 15 - 38360 SASSENAGE - FRANCE
 TEL.: + 33 (0)4 76 43 60 47 - FAX: + 33 (0)4 76 43 60 28
 www.axane.fr - www.axanefuelcell.com - info@axane.fr
 Philippe Paulmier Director Marketing and Sales - philippe.paulmier@airliquide.com