

A range of powerful, low noise and zero emission hydrogen-powered generator sets



General

The hydrogen-powered generator sets designed and manufactured by H2SYS are equipped with a hydrogen fuel cell. The fuel cell is integrated into a high performance hybrid system, developed by our engineers team.

The THYTAN generator sets range delivers a power up to 200 kVA. These generators can meet important energy needs on isolated sites, or construction sites not connected to the electrical grid.

Used as a back-up solution, this range can compensate for power outages and ensures continuous operation.

The THYTAN range is composed of :
THYTAN 50 (kVA) and THYTAN 130 (kVA).

Features

Instant Start-up

Remote control

Flexible connection

Continuity of service

Paralleling with power distribution housing

Reduced maintenance

Autonomy and power

Application



Off-grid



UPS - for power outages

Technical data

PERFORMANCES

THYTAN	THYTAN 50		THYTAN 130	
	cos phi = 1	cos phi = 0,8	cos phi = 1	cos phi = 0,8
Prime running power (PRP)	27 kW	33 kVA	80 kW	100 kVA
Emergency Stand-by Power (ESP) 1h	55 kW	68 kVA	110 kW	150 kVA
Peak power 5s	110 kVA		200 kVA	
Paralleling	With distribution box (not included)			
Starting	Instantaneous			
Lifespan	15 000 hours			

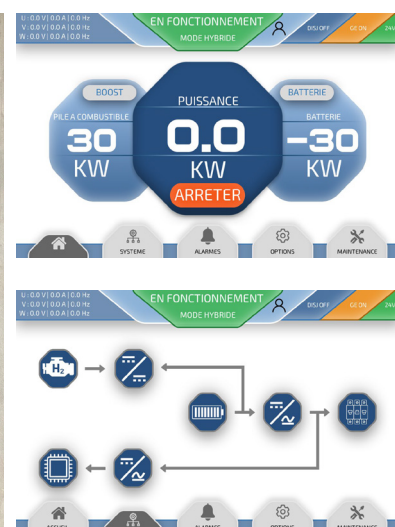
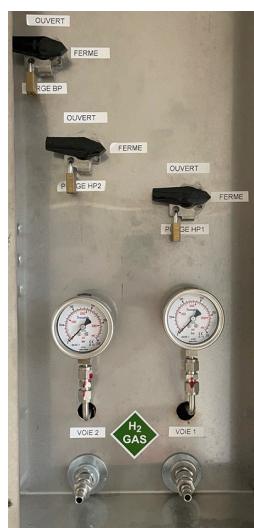
TECHNICAL CHARACTERISTICS

Technology	Closed cathode PEM fuel cell (automotive model)
Output voltage	230 / 400 VAC - 50/60 Hz
Type of sockets	2 x 16 A single-phase Three phase sockets (up to 125 A) Powerlock Optional feature : Direct Bus bar connection
Grounding *	TT
Protection class	IP43
Operating temperature	From -20°C to +45°C
Handling	Lifting eyes bolt, Forkliftable frame
Sizes (L x W x H)	2995 x 1240 x 2390 mm

COMPLIANCE

CE standards

* Other neutral system available on request



**INFORMATION
AND
REQUEST FOR QUOTATION**



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