

DESCRIPTION

An UPS system is a combination of an electrical source with power electronics capable of supplying energy during the interruption of the electrical supply. The UPS allows to manage and/or disconnect safely the connected equipment.

With the use of a hydrogen fuel cell, the UPS multiplies its range. A fuel cell UPS could achieve days, even weeks of range instead of minutes or hours from conventional batteries UPS systems.

FEATURES

ATTRIBUTE	VALUE
Peak Power	3 kVA (20 min)
Continuous Power	1,7 kVA
Batteries range	15 minutes
Fuel cell range (Each 50l @200Bar bottle)	6 hours
Response time	<3msg

Technical data

Range	Up to days (multiple H2 bottles)
	SAI de hidrógeno: 6 h 15 min
Economical	Batteries UPS cost: 3 000 €
	Hydrogen UPS cost: 10 000 €
Emissions	Batteries UPS: 0 kg _{CO2} /kWh generated
	Hydrogen UPS: 0 kg _{CO2} /kWh generated



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