

GreenHub 2 e GreenHub 2 PRO

ENERGY INDEPENDENCE SOLUTIONS

GENERATE POWER WITHOUT EMISSIONS HAS NEVER BEEN SO EASY

Like home power but with the advantages
connected with energetic independence.

**NOW EVEN MORE
PERFORMING AND EASY
TO USE!**



Use

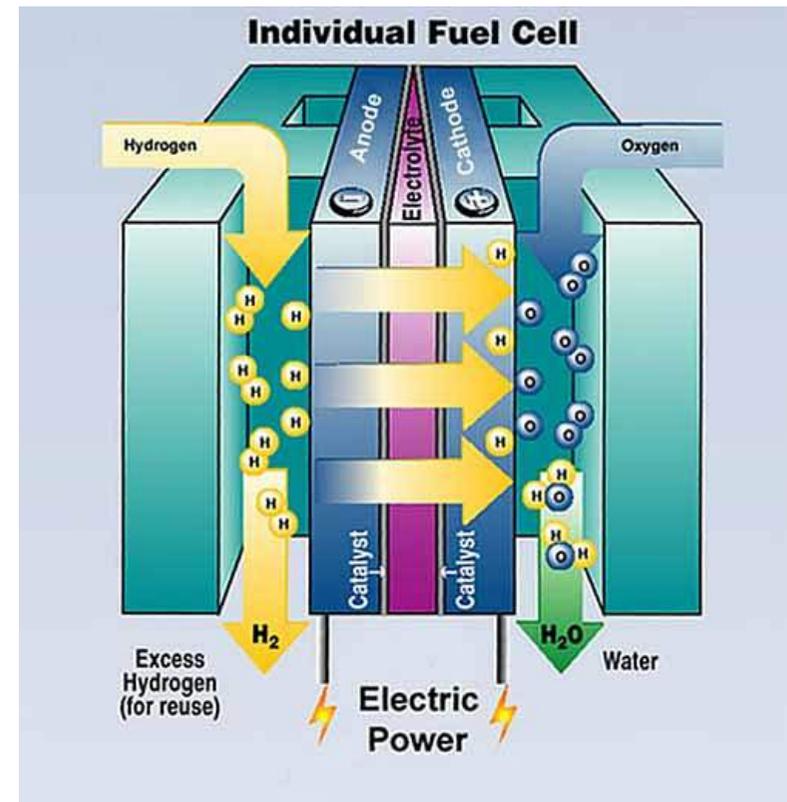


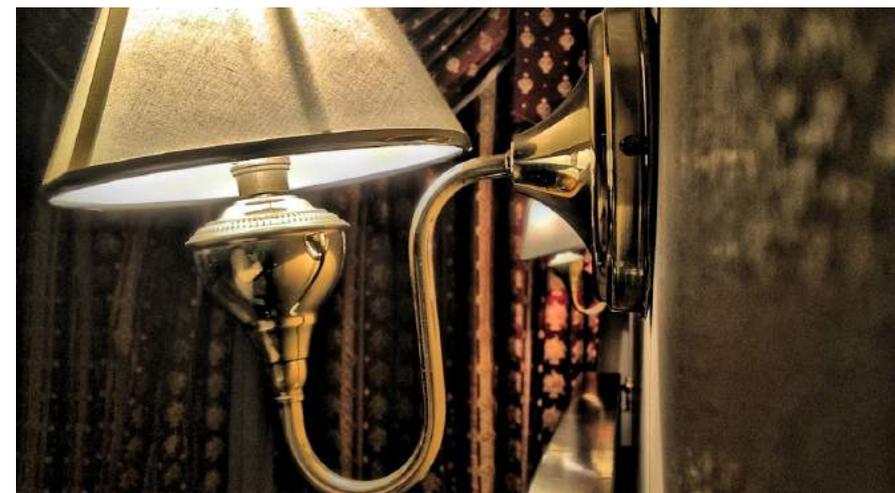
**THE GREENHUB 2
TURN-KEY FUEL-CELL
GENSET SERIES IS
EVERYTHING YOU
HAVE BEEN ALWAYS
LOOKING FOR TO GET
INDEPENDENT.
PRODUCE ELECTRICITY
ANYWHERE AND
ANYTIME!**

Operation

Hydrogen is converted into electrical energy in a single electrochemical highly efficient step.

Hydrogen is introduced into the anode side where it is split into protons and electrons. Protons pass through the membrane to reach the cathode where they react with oxygen in the air, while the electrons are forced to pass by external circuit to reach the cathode and recombine to form water, supplying electric energy and by-product heat in almost same power values than electrical power.





GREENHUB 2

GreenHub 2 could be used in indoor places and the waste products are only water and heat.

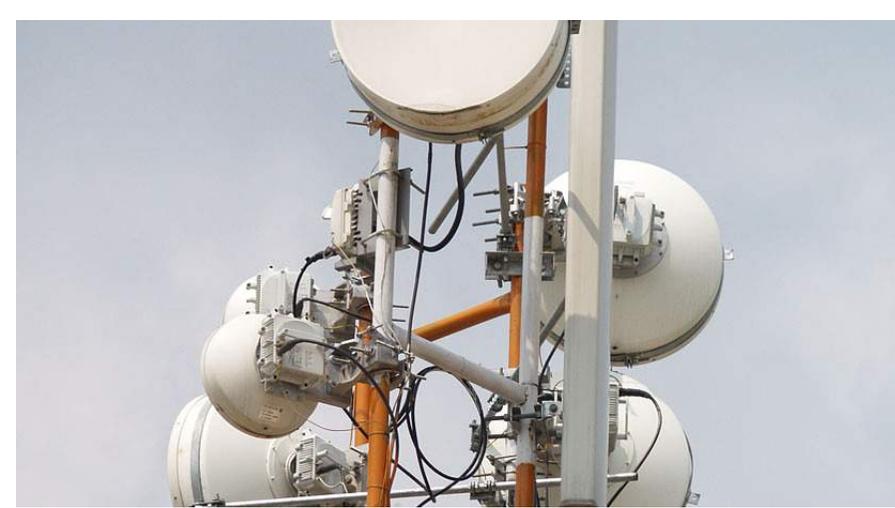
It is a complete system for the domestic sector. Ideal as a home generator for isolated houses or sea/mountain shelters with lower daily needs, for night lighting.

Ideal when integrated with renewable sources of energy like solar panels, wind gensets and mini-hydro to satisfy daily and night energetic needs and combinable with hydrogen on-site production systems from sun/wind/water power .

TECHNICAL SPECIFICATIONS

TYPE/FEATURES	GreenHub 2 1000	GreenHub 2 3000	GreenHub 2 5000
Maximum rated power	800 W (AC) 900 W (DC)	2400 W (AC) 2700 W (DC)	4000 W (AC) 4500 W (DC)
Output AC	120/230VAC 50/60Hz	120/230VAC 50/60Hz	120/230VAC 50/60Hz
Output DC	48 VDC	48 VDC	48 VDC
Battery charger output	12 VDC	12 VDC	24 VDC
Hydrogen purity	99,995% (grade 4.5)	99,995% (grade 4.5)	99,995% (grade 4.5)
Fuel pressure	6-25 bar	6-25 bar	6-25 bar
Fuel max consumption	14 l/min.	42 l/min.	70 l/min.
Size	40X60X25 cm	86X64X22 cm	100X80X21 cm
Weight	43 kg (AC) 40 Kg (DC)	79 kg (AC) 75 Kg (DC)	94 kg (AC) 90 Kg (DC)

**GREENHUB 2 CAN OPERATE AT TEMPERATURES
+3°C / +40°C**



GREENHUB 2 PRO

GreenHub 2 PRO is a complete system for the professional and telecommunications sector with AC or DC output current depending on the model chosen. The range is also available in the ON-LINE UPS version WITHOUT BATTERIES thanks to the additional GreenCap cabinet and latest generation buffer caps for UPS use without power failure.

Ideal for remote stations, business backup, telecommunications, WiFi radio stations, substation, remote buildings. Perfect as UPS for telecommunications or generator to work areas and construction sites.

TECHNICAL SPECIFICATIONS

(UPS-ON-LINE VERSION AVAILABLE ON REQUEST)

TYPE/FEATURES	GreenHub 2 PRO 500	GreenHub 2 PRO 1000	GreenHub 2 PRO 2000	GreenHub 2 PRO 3000	GreenHub 2 PRO 5000
Rated power	400 W (AC) 450 W (DC)	800 W (AC) 900 W (DC)	1600W (AC) 1800W (DC)	2400W (AC) 2700W (DC)	4000W (AC) 4500W (DC)
Output AC	120/230 VAC 50/60Hz	120/230VAC 50/60Hz	120/230VAC 50/60Hz	120/230VAC 50/60Hz	120/230VAC 50/60Hz
Output DC	48 VDC	48 VDC	48 VDC	48 VDC	48 VDC
Output DC	12 VDC	12 VDC	12 VDC	12 VDC	24 VDC
H2 purity	99,995% (grade4.5)	99,995% (grade4.5)	99,995% (grade4.5)	99,995% (grade4.5)	99,995% (grade4.5)
Fuel pressure	6-25 bar	6-25 bar	6-25 bar	6-25 bar	6-25 bar
Fuel consumption	7 l/min.	14 l/min.	28 l/min.	42 l/min.	70 l/min.
Size	40x60x25 cm	40x60x25 cm	86x64x22 cm	86x64x22 cm	100x80x21 cm
Weight	23 kg (AC) 21 kg (DC)	43 kg (AC) 40 kg (DC)	58 kg (AC) 55 kg (DC)	79 kg (AC) 75kg (DC)	94 kg (AC) 90 kg (DC)

**GREENHUB 2 CAN OPERATE AT TEMPERATURES
-5 °C / +45 °C**

New features 2018 version

Integrated timer, programmable via 3.2-inch LCD touch screen.

New internal sensors for measuring parameters.

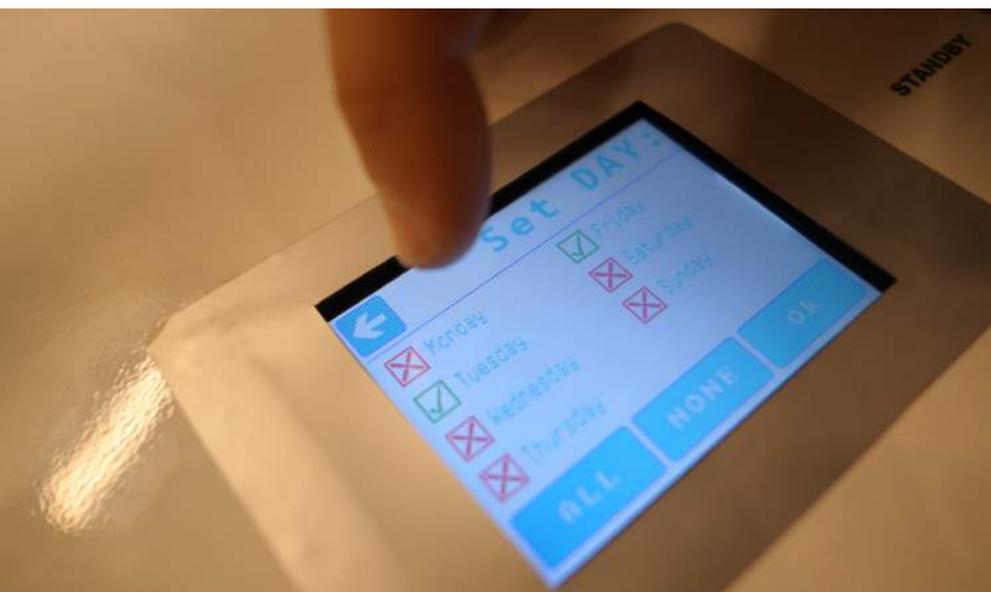
Extended life thanks to new control system.

Weekly ignition planning.

USB port.

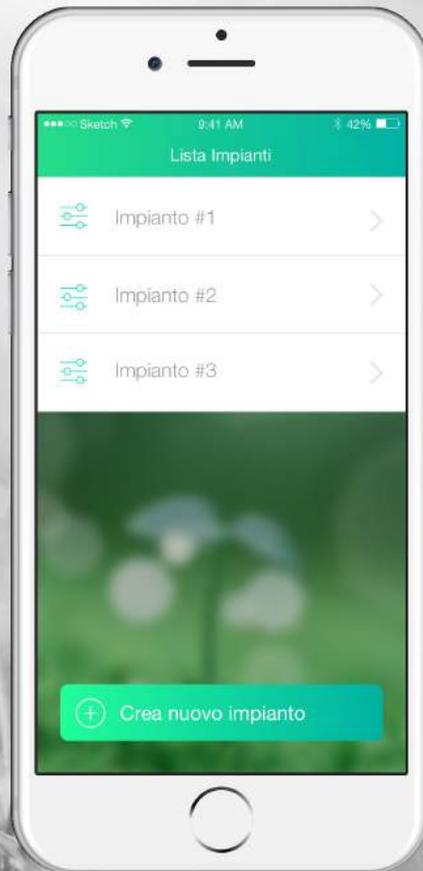
3 I / O ports for remote management via PLC.

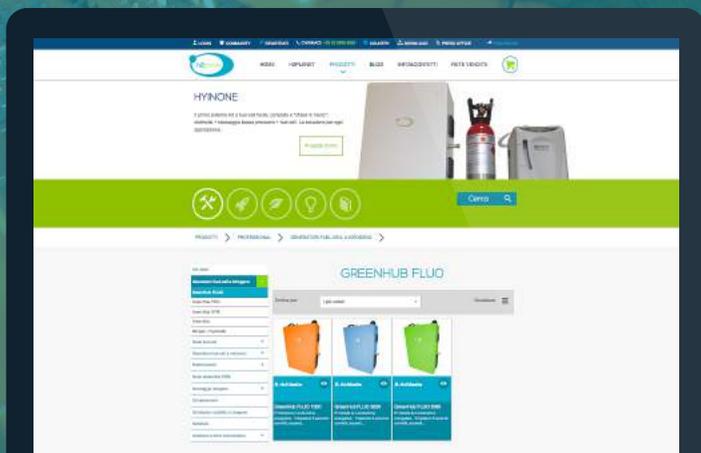




Controlled by APP

ONLY FOR VERSIONE PRO





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