

Pricelist 2018



h2planet

PROFESSIONAL



DO NOT UNSEAL TOP VALVE
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UN3479 - Hydrogen storage system
ISO 16111 compliant
PATENT PENDING



Hydrogen and fuel-cell experience

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PRICELIST 2018

HOW TO BUY

TELEPHONE
+39 02.90.98.98.83

FAX
+ 39 02.42.10.87.14

EMAIL
orders@h2planet.eu

INTERNET
www.h2planet.eu

PROMOTIONAL INFOS

SUBSCRIBE TO OUR MAILING LIST FOR FREE!

in order to receive our mails with ALL our special offers!

Click this link
<http://www.h2planet.eu/en/registration>

HYDROGEN EXPERTS

Want to know more about hydrogen, fuel cells, pros and cons and all our products?

Dial this number
+39 02.90.98.98.83

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WHAT WE DO: HYDROGEN AND FUEL CELLS SOLUTIONS FOR ANY NEED AND PROJECT WITH MAXIMUM COMPETENCE AND EXPERIENCE

The H2planet PROFESSIONAL product series offers a range of fuel cell products and components for companies, private and public research, professionals, industrial customers and privates to discover. The pricelist includes a number of fuel cell systems powered by hydrogen and methanol, electrolyzers and H2 storage to reach your goal in the easiest, safest and fastest way. Systems are available in different powers and models for any kind of request.



Everything you need to build your hydrogen and fuel-cell system and to turn the dream of green and clean technology into reality.





H2planet designs and manufactures hydrogen fuel cell turn-key and user-friendly solutions and plants.

H2planet is the exclusive italian distributor of EFOY ProSeries products of Smart Energy AG

H2PLANET IN ITALY AND ABROAD

H2planet is the fully own commercial brand of Hydro2Power SRL which features a net of resellers and affiliates in Italy and in the world. Don't hesitate to contact us if you want to join the Exclusive National Dealer H2planet community

OUR WEB PORTAL

www.h2planet.eu represents the most complete point of reference for hydrogen and fuel-cell sector in the world with hundreds of products conceived, designed and manufactured to reach the highest performances with the higher safety and quality standards for different market niches: LAB, PROFESSIONAL, HOME, FUN&EDU, LIFESTYLE.

Pro Series
Made by SFC

Il tuo distributore
per l'Italia



il portale italiano dedicato a idrogeno e fuel-cell
w w w . h 2 p . i t



SALES TERMS AND CONDITIONS

Carefully read document "GENERAL TERMS OF BUSINESS AND WARRANTY" in attachment to every proforma quote or technical detailed quotation for every detail. Here follows just an extract as an indication of our usual terms of sale.

CATALOGUE

This pricelist **voids and replaces** the previous ones.

This pricelist is shipment costs **EXCLUDED**.

All the prices exposed are **TAX EXCLUDED** and **PER UNIT**

ORDERS AND PURCHASES

Every order, proforma and order confirmation has to be signed in order to be valid as an official confirmation. Payment terms must be agreed prior to any order thru a proforma invoice issued by H2planet as per enclosed "GENERAL TERMS OF BUSINESS AND WARRANTY" document attached to every proforma offer or technical detailed quotation .

As a procedure, order confirmations have to be countersigned and sent to H2planet by fax or e-mail for authorization in processing the order.

H2planet cannot proceed with order processing and shipping prior to a signed proforma document with agreed payment terms.

TRANSPORTATION AND FREIGHT

All the products are intended ExWorks H2planet facilities (EXW Incoterms 2010). H2planet can offer several shipping fares and solutions through its specialized couriers

ADR shipment is related to dangerous goods, being hydrogen and methanol the case.

Products' availability: FUN&EDU, LIFESTYLE: immediate
 PROFESSIONAL, HOME and LAB: 30 days

GOODS ACCEPTANCE

In case of apparent damage due to transportation, it will be customer's duty to give notification to the courier.

In case you need to verify the goods, please apply a note on the shipping document at the moment of delivery saying "To be verified".

Eventual goods' returns has to be previously authorized.

The correspondent goods replacement or credit note will be issued **ONLY** after verification and inspection of goods.

Eventual complaints must come exclusively in a written way and submitted not beyond 7 days from goods delivery date or more generally as described in the "GENERAL TERMS OF BUSINESS AND WARRANTY" document attached to every proforma offer or technical detailed quotation.

PAYMENTS

all the orders from foreign countries can be processed and handled after advanced payment method only (T/T). Eventual different payment methods can be discussed based on project entity and delivery needs. Payment terms are described in the "GENERAL TERMS OF BUSINESS AND WARRANTY" document attached to every proforma offer or technical detailed quotation.

PROFESSIONAL Pricelist

HOME SYSTEM

HOME SYSTEM - HyinONE HOME

CODE 526
PRICE

The HOME SYSTEM includes:
Electrolyser HyPEM XP HOME
Fuel-cell generator GreenHub 1000
Hydrogen compressor Hy-Refill BOX MINI
Metal hydride storage MyH2® 2000 (x2)

€ 21.285,00



To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HYDROGEN FUEL CELL STACKS - 1° GENERATION

H-12

CODE 74
PRICE



Ultracompact PEM Fuel-cell, 12W nominal power, Numbers of cells:13, Performance:7,8 V@1,5A, Dimensions:7,5X4,7X7cm, Weight:275g, Flow rate at max output:0,18l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 515,00

H-20

CODE 92
PRICE



Ultracompact PEM Fuel-cell, 20W nominal power, Numbers of cells:13, Performance:7,8 V@2,6A, Dimensions:7,5X4,7X7cm, Weight: 275g, Controller: 90g, Flow rate at max output: 0,28l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 660,00

H-30

CODE 93
PRICE



Ultracompact PEM Fuel-cell, 30W nominal power, Numbers of cells:14, Performance:8,4 V@3,6A, Dimensions:8X4,7X7,5cm, Weight:280g, Controller:90g, Flow rate at max output:0,42l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 975,00

H-100

CODE 94
PRICE



Ultracompact PEM Fuel-cell, 100W nominal power, Numbers of cells: 24, Performance: 14V @ 7.2A, Dimensions: 13x 11,2x9,5cm, Weight: 960g, Controller: 400g, Flow rate at max output: 1,4l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 1.535,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HYDROGEN FUEL CELL STACKS - 1° GENERATION

H-200

CODE 95
PRICE



Ultracompact PEM Fuel-cell, 200W nominal power, Numbers of cells:40, Performance:24 V@8,3A, Dimensions:11,8x18,3x9,4cm, Weight:2230g, Controller:400g, Flow rate at max output:2,6l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 2.160,00

H-300

CODE 96
PRICE



Ultracompact PEM Fuel-cell, 300W nominal power, Numbers of cells:60, Performance:36 V@8,3A, Dimensions:11,8x26,2x9,4cm, Weight:2790g, Controller:400g, Flow rate at max output:3,9l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 2.670,00

H-500

CODE 189
PRICE



Ultracompact PEM Fuel-cell, 500W nominal power, Numbers of cells: 36, Performance:21V @ 24A, Dimensions: 21,5x18x12,5cm, Weight: 2,8kg, Controller: 400g, Flow rate at max output: 6,5l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 3.435,00

H-1000

CODE 190
PRICE



Ultracompact PEM Fuel-cell, 1000W nominal power, Numbers of cells:48, Performance:28,8 V@35A , Dimensions:26,8x21,9x12,3cm, Weight:4kg, Controller:400g, Flow rate at max output:13l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 5.035,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HYDROGEN FUEL CELL STACKS - 1° GENERATION



H-2000

CODE 243
PRICE

Ultracompact PEM Fuel-cell, 2000W nominal power, Numbers of cells:48, Performance:28,8 V@70A , Dimensions:35X18,3X30,3cm, Weight:10kg, Controller:2,5kg, Flow rate at max output:26l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 8.230,00

H-3000

CODE 225
PRICE



Ultracompact PEM Fuel-cell, 3000W nominal power, Numbers of cells:72, Performance:43,2 V@70A , Dimensions:35X18,3X41,8cm, Weight:15kg, Controller:2,5kg, Flow rate at max output:39l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 11.230,00

H-5000

CODE 191
PRICE



Ultracompact PEM Fuel-cell, 5000W nominal power, Numbers of cells:120, Performance:72 V@70A , Dimensions:35X21,2X63cm, Weight:30kg, Controller:2,5kg, Flow rate at max output:65l/min, Start-up:immediate, Stack efficiency:40% at maximum power.

€ 17.000,00

HYnONE

Products of H-series

can be integrated in complete systems including:

- electrolyser
- storage tank
- connection kit

to create the 100% clean hydrogen loop!



To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HYDROGEN FUEL CELL STACKS - 2° GENERATION



H-500 XP + controller

CODE 472
PRICE

Ultracompact PEM Fuel-cell, 500W nominal power - Performance: 21V@23,8A - Dimensions: 15x20,3x5,2cm - Weight: 5.8Kg - H2 consumption: 5,86 l/min - Start-up: immediate. Controller included. € 4.980,00



H-500 XP complete

CODE 472a
PRICE

Ultracompact PEM Fuel-cell, 500W nominal power - Performance: 21V@23,8A - Dimensions: 15x20,3x5,2cm - Weight: 5.8Kg - H2 consumption: 5,86 l/min - Start-up: immediate. Controller, Big ultracaps bank (50V 12,5F), DCDC Converter, Hydrogen Sensor included. € 7.675,00



H-1000 XP + controller

CODE 473
PRICE

Ultracompact PEM Fuel-cell, 1000W nominal power - Performance: 30V@33,5A - Dimensions: 20,3x10,4x26,4cm - Weight: 5,9Kg - H2 consumption: 12,5 l/min - Start-up: immediate - Peak efficiency of stack: 40% at 43V. Controller included. € 6.515,00



H-1000 XP complete

CODE 473a
PRICE

Ultracompact PEM Fuel-cell, 1000W nominal power - Performance: 30V@33,5A - Dimensions: 20,3x10,4x26,4cm - Weight: 5,9Kg - H2 consumption: 12,5 l/min - Start-up: immediate - Peak efficiency of stack: 40% at 43V. Controller, Big ultracaps bank (50V 12,5F), DCDC Converter, Hydrogen Sensor included. € 9.140,00

PROFESSIONAL Pricelist

HYDROGEN FUEL CELL STACKS - 2° GENERATION

Monitoring software option

CODE 317a
PRICE



Optional for H-500 XP and H-1000 XP: monitoring software

€ 850,00

Big ultracaps bank (50V 12,5F)

CODE 317b
PRICE



Optional for H-500 XP and H-1000 XP: Big ultracaps bank (50V 12,5F)

€ 1.410,00

DCDC Converter

CODE 317c
PRICE



Optional for H-500 XP and H-1000 XP: DC DC Converter

€ 1.165,00

Hydrogen Sensor

CODE 317d
PRICE



Optional for H-500 XP and H-1000 XP: Hydrogen Sensor

€ 1.010,00

PROFESSIONAL Pricelist

HYDROGEN FUEL CELL STACKS - 3rd GENERATION



Aeropak

CODE 441
PRICE

High energy power system for electric UAS. AEROPAK combines ultra-light aerospace grade fuel cell system with a chemical hydride based hydrogen generator to provide 900Wh of usable energy within only 2kg of weight.

With a system specific energy of more than 3 times that of advanced lithium-polymer batteries, the AEROPAK increases flight endurance of small and stealthy electric Unmanned Aerial Systems (UAS), creating new mission possibilities. Advantages: -300% longer flight duration -Extended persistent surveillance capability - Silent, reliable power for stealthy operation -Multiple missions in one take-off -Lower costs -Zero maintenance and easy storage.

Price on request



A-200

CODE 791
PRICE

AEROSTACKS are special fuel cell stacks much lighter and smaller than 1 and 2 generation stacks thanks to high current density of special MEAs and ultralight gas diffusion layers and thin end-plates. Number of cells: 35, Rated power: 200 W, Hydrogen supply voltage: 12 V Reactants: Hydrogen and Air, Ambient temperature: 5-30 °C, Max stack temperature: 65 °C, Hydrogen Pressure: 0.5-0.6 Bar, Humidification: Self-humidified, Stack weight(with fan & casing): 500g, Controller weight:80g, Stack size:12x8x7,5cm, Flow rate at max output: 2.8 L/min, Hydrogen purity: 99.999% dry H2, Start up time: < 30s

Price on request



A-500

CODE 792
PRICE

AEROSTACKS are special fuel cell stacks much lighter and smaller than 1 and 2 generation stacks thanks to high current density of special MEAs and ultralight gas diffusion layers and thin end-plates. Number of cells: 45, Rated power: 500 W, Hydrogen supply voltage: 12 V Reactants: Hydrogen and Air, Ambient temperature: 5-30 °C, Max stack temperature: 65 °C, Hydrogen Pressure: 0.5-0.6 Bar, Humidification: Self-humidified, Stack weight(with fan & casing): 1150g, Controller weight: 250g, Stack size:19,2x10,7x15cm, Flow rate at max output: 6.5 L/min, Hydrogen purity: 99.999% dry H2, Start up time: < 30s

Price on request



A-1000

CODE 793
PRICE

AEROSTACKS are special fuel cell stacks much lighter and smaller than 1 and 2 generation stacks thanks to high current density of special MEAs and ultralight gas diffusion layers and thin end-plates. Number of cells: 40, Rated power: 1000 W, Hydrogen supply voltage: 12 V Reactants: Hydrogen and Air, Ambient temperature: 5-30 °C, Max stack temperature: 65 °C, Hydrogen Pressure: 0.5-0.6 Bar, Humidification: Self-humidified, Stack weight(with fan & casing): 1750g, Controller weight: 250g, Stack size:27,5x13,5x12cm, Flow rate at max output: 14 L/min, Hydrogen purity: 99.999% dry H2, Start up time: < 30s

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

LIQUID COOLED FUEL-CELL



VL-30

CODE 470
PRICE

VL-30 series fuel cell high power density, low requirement to the auxiliary equipment, ease of integration, can be widely used in cars, buses, passenger cars, large logistics area.

Price on request



HyPM-HD 30

CODE 462
PRICE

Every HyPM-HD 30 delivers world-leading efficiency from a low pressure compact design that is highly durable and scalable to meet your requirements. The turnkey system includes simple electrical and mechanical interfaces that allow for easy integration with other powertrain components offer a fully integrated solution for the high efficiency and durability requirements of light and heavy duty mobility. are engineered to deliver superior performance, durability and reliability. Their advanced design provides a robust and flexible platform for zero-emission mobility applications including public transit, commercial trucking, railway and aircraft.

Price on request

PROFESSIONAL Pricelist

GREENBOX 2 - NEW GENERATION



GreenBox 2 100

CODE 348
PRICE

Plug&Play hydrogen fuel-cell system, Output AC 110/220 Vac @ 50/60 Hz schuko socket/European standard, USB DC output at 5V, DC output for battery charging 12/24V and 12VDC/24VDC loads, Authomatical pressure regulation and gas flow, Programmable timer and touch 3.2 inch LCD display for parameters monitoring, Maximum power: 75 W, Max H2 flow consumption: 1,6 l/min, Auto-humidifying stack with zero byproducts and water recover, EMISSION FREE, size: 40,5x30x20 cm, weight: 11 kg

€ 2.825,00



GreenBox 2 200

CODE 349
PRICE

Plug&Play hydrogen fuel-cell system, Output AC 110/220 Vac @ 50/60 Hz schuko socket/European standard, USB DC output at 5V, DC output for battery charging 12/24V and 12VDC/24VDC loads, Authomatical pressure regulation and gas flow, Programmable timer and touch 3.2 inch LCD display for parameters monitoring, Maximum power: 160 W, Max H2 flow consumption: 3,1 l/min, Auto-humidifying stack with zero byproducts and water recover, EMISSION FREE, size: 40,5x30x20 cm, weight: 13 kg

€ 3.565,00



GreenBox 2 300

CODE 350
PRICE

Plug&Play hydrogen fuel-cell system, Output AC 110/220 Vac @ 50/60 Hz schuko socket/European standard, USB DC output at 5V, DC output for battery charging 12/24V and 12VDC/24VDC loads, Authomatical pressure regulation and gas flow, Programmable timer and touch 3.2 inch LCD display for parameters monitoring, Maximum power: 250 W, Max H2 flow consumption: 4,6 l/min, Auto-humidifying stack with zero byproducts and water recover, EMISSION FREE, size: 40,5x30x20 cm, weight: 15 kg

€ 3.940,00



GreenBox LIGHT

CODE 641
PRICE

GreenBox LIGHT is the offer bundle package from H2planet enabling lightening of your nights independently from grid and it consists of: a GreenBox 2 100, a MyH2® 300 metal hydrides cartridges and 4 myLEDy LED lamps.

€ 3.845,00

2018

- INTEGRATED PROGRAMMABLE TIMER,
- 3.2 INCH TOUCH LCD DISPLAY
- USB PORT

NEW
GREENBOX 2

Ideal for leisure, remote monitoring, surveillance and portable applications

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

GREENHUB 2 - NEW GENERATION



GreenHub 2 1000 DC

CODE 578
PRICE

Compact fuel-cell generator for back-up domestic use, output choice in the range 44-59 VDC. Power rating: 900 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure 6-25 bar. Max hydrogen flow rating: 14l/min. Size: 40x60x25 cm. Weight: 40 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC. € 6.325,00



GreenHub 2 1000 AC

CODE 577
PRICE

Compact fuel-cell generator for back-up domestic use, output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 800 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure 6-25 bar. Max hydrogen flow rating: 14l/min. Size: 40x60x25 cm. Weight: 43 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC. € 6.590,00



GreenHub 2 3000 DC

CODE 587
PRICE

Compact fuel-cell generator for back-up domestic use, output choice in the range 44-59 VDC. Power rating: 2850 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure 6-25 bar. Max hydrogen flow rating: 42l/min. Size: 86X64X22 cm. Weight: 49 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC. € 14.180,00

NEW
GREENHUB 2 AND GREENHUB 2 PRO
Innovative products based on
hydrogen fuel cells.
100% Plug & Play systems.
Perfect as UPS for
telecommunications,
surveillance,
isolated homes.

2018

- INTEGRATED PROGRAMMABLE TIMER,
- 3.2 INCH TOUCH LCD DISPLAY
- USB PORT
- I/O PORTS FOR PLC

- WIFI AND LAN CONNECTION FOR MOBILE APP
(ONLY PRO VERSION)

PROFESSIONAL Pricelist

GREENHUB 2 - NEW GENERATION



GreenHub 2 3000 AC

CODE 586
PRICE

Compact fuel-cell generator for back-up domestic use, output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 2550 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure 6-25 bar. Max hydrogen flow rating: 42l/min. Size: 86X64X22 cm. Weight: 55 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.

€ 14.840,00



GreenHub 2 5000 DC

CODE 602
PRICE

Compact fuel-cell generator for back-up domestic use, output choice in the range 44-59 VDC. Power rating: 4700 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure 6-25 bar. Max hydrogen flow rating: 84l/min. Size: 100X80X30 cm. Weight: 73 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.

€ 24.990,00



GreenHub 2 5000 AC

CODE 601
PRICE

Compact fuel-cell generator for back-up domestic use, output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 4250 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure 6-25 bar. Max hydrogen flow rating: 84l/min. Size: 100X80X30 cm. Weight: 83 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.

€ 26.170,00

PROFESSIONAL Pricelist

GREENHUB 2 PRO - NEW GENERATION



GreenHub 2 PRO 500 DC

CODE 572
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up with output choice in the range 44-59VDC. Power rating: 450W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 7 l/min. Size: 40X60X25cm. Weight: 21 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 4.840,00



GreenHub 2 PRO 500 AC

CODE 569
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 400W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 7 l/min. Size: 40X60X25 cm. Weight: 23 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 5.160,00



GreenHub 2 PRO 1000 DC

CODE 581
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up with output choice in the range 44-59VDC. Power rating: 850 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 14 l/min. Size: 40X60X25cm. Weight: 40 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 7.205,00



GreenHub 2 PRO 1000 AC

CODE 580
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 800 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 14 l/min. Size: 40X60X25 cm. Weight: 43 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 7.425,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

GREENHUB 2 PRO - NEW GENERATION



GreenHub 2 PRO 2000 DC

CODE 596
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up with output choice in the range 44-59VDC. Power rating: 1800 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 28 l/min. Size: 64x22x86 cm. Weight: 55 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 10.725,00



GreenHub 2 PRO 2000 AC

CODE 595
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 1600 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 28 l/min. Size: 64x22x86 cm. Weight: 58 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 10.890,00



GreenHub 2 PRO 3000 DC

CODE 590
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up with output choice in the range 44-59VDC. Power rating: 2700 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 42 l/min. Size: 64x22x86 cm. Weight: 75 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 15.565,00



GreenHub 2 PRO 3000 AC

CODE 589
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 2400 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 42 l/min. Size: 64x22x86 cm. Weight: 79 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 16.225,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

GREENHUB 2 PRO - NEW GENERATION



GreenHub 2 PRO 5000 DC

CODE 606
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up with output choice in the range 44-59VDC. Power rating: 4500 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 70 l/min. Size: 80x21x100 cm. Weight: 90 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 26.115,00



GreenHub 2 PRO 5000 AC

CODE 604
PRICE

Compact fuel-cell generator for professional, industry and telecommunications use as a back-up output 220/230 VAC – 110/120 VAC – 50/60 Hz. Power rating: 4000 W. Battery: 12 VDC. Hydrogen purity: Min.99,995%. Pressure: 6-25 bar. Max hydrogen flow rating: 70 l/min. Size: 80x21x100 cm. Weight: 94 kg. Programmable timer and touch 3.2 inch LCD display for parameters monitoring. USB port. 3 I/O ports to remotely control the unit with PLC.WiFi and LAN connection to remotely control with APP.

€ 27.490,00

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES



EFOY Proseries 800

CODE 681
PRICE

The EFOY Pro is the perfect power generator for remote monitoring and data acquisition systems, and also for disaster management equipment. - Charging capacity:800Wh/day - Nominal output: 45W - Nominal voltage: 12V/24V - Charging current: 2,4A - Operating temperature: -20° to +50° - Nominal consumption: 0,9l/kWh - Dimensions: 43,3X18,8X27,8cm - Weight: 8kg - Warranty: 24months 4500hours

€ 4.625,00



EFOY Proseries 800 DUO

CODE 682
PRICE

The EFOY Pro is the perfect power generator for remote monitoring and data acquisition systems, and also for disaster management equipment. - Charging capacity:800Wh/day - Nominal output: 45W - Nominal voltage: 12V/24V - Charging current: 2,4A - Operating temperature: -20° to +50° - Nominal consumption: 0,9l/kWh - Dimensions: 43,3X18,8X27,8cm - Weight: 8,3kg - Warranty: 24months 4500hours. With the Duo version two fuel cartridges can be connected directly to one fuel cell generator. This DUO version was introduced to enable even longer, intervention-free system autonomy.

€ 5.140,00



EFOY Proseries 2400

CODE 683
PRICE

The EFOY Pro is the perfect power generator for remote monitoring and data acquisition systems, and also for disaster management equipment.- Charging capacity:2400Wh/day - Nominal output: 110W - Nominal voltage: 12V/24V - Charging current: 6,7A - Operating temperature: -20° to +50° - Nominal consumption: 0,9l/kWh - Dimensions: 43,3X18,8X27,8cm - Weight: 9kg - Warranty: 24months 4500hour

€ 6.995,00



EFOY Proseries 2400 DUO

CODE 684
PRICE

The EFOY Pro is the perfect power generator for remote monitoring and data acquisition systems, and also for disaster management equipment.- Charging capacity:2400Wh/day - Nominal output: 110W - Nominal voltage: 12V/24V - Charging current: 6,7A - Operating temperature: -20° to +50° - Nominal consumption: 0,9l/kWh - Dimensions: 43,3X18,8X27,8cm - Weight: 9,3kg - Warranty: 24months 4500hours. With the Duo version two fuel cartridges can be connected directly to one fuel cell generator. This DUO version was introduced to enable even longer, intervention-free system autonomy.

€ 7.510,00



EFOY Proseries 12000 DUO

CODE 685
PRICE

The EFOY Pro is the perfect power generator for off-grid, back-up and on-board power, available when you need it. Nominal power: 500W cluster for higher power - Nominal voltage: 24VDC/ 48VDC - Charging current: 20,8A/10,4A - Operating temperature: -20° to +40° - Dimensions:64x44,1x31cm - Weight: 33kg. Autonomy @ 500 W cont.: 120 hours with 2 x M28 240 hours with 4 x M28

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



Methanol cartridge - 5 liters

CODE 129
PRICE

- Dimensions M10 (LxDxH): 27 x 19 x 14 cm - 1 plastic tank - Volume: 5 liters
measured solution methanol/distilled water - Weight: 4,3 Kg - Energy storage capacity: 4,5 kWh 380 Ah at 12 V 390715 Ah at 24 V € 39,90



Methanol cartridge - 10 liters

CODE 130
PRICE

- Dimensions M10 (LxDxH): 23 x 19.3 x 31.8 cm - 1 plastic tank - Volume: 10 liters
measured solution methanol/distilled water - Weight: 8,6 Kg - Energy storage capacity: 9 kWh 750 Ah at 12 V 375 Ah at 24 V € 54,00



Methanol cartridge - 28 liters

CODE 131
PRICE

- Dimensions M28 (LxDxH): 28 x 33 x 40 cm - 1 plastic tank - Volume: 28 liters
measured solution methanol/distilled water - Weight: 23,6 Kg - Energy storage capacity: 25,5 kWh 2125 Ah at 12 V 1062,5 Ah at 24 V € 127,90



Methanol cartridge - 60 liters

CODE 408
PRICE

- Dimensions MT60 (LxDxH): 34x39x67 cm - 1 plastic tank - Volume: 60 liters
measured solution methanol/distilled water - Weight: 55 Kg - Energy storage capacity: 66 kWh € 294,00

PLEASE NOTE

Methanol tanks of 5 and 10 liters can be purchased in carton boxes of 2 units each, while the 28 liters cartridge requires a specific adaptor that has to be purchased separately!

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY ProCube

CODE 155
PRICE

Outdoor system for EFOY fuel cell. Everything already set up in a Plug&Play mode for an EFOY Pro unit, a battery and a methanol cartridge. Dimensions (LxWxH): 80,5x60,5x43,0 cm – Weight 18 kg – Fuel cell, battery and methanol cartridge NOT included.

Price on
request



EFOY - M28-Adapter

CODE 295
PRICE

Necessary to connect the M28 cartridge to the Efoy Pro fuel cell.

€ 185,40



EFOY - Remote GSM Modem GSM-3-SMS

CODE 299
PRICE

Permits the remote control and a remote management of Efoy Pro fuel cell. Includes: - Notifies in case of system error or fuel lack (via SMS or Email) – Remote management

€ 890,00



EFOY - Fuel cartridge Sensor

CODE 298
PRICE

Monitors fuel level into the cartridge and automatically sends an alert when the cartridge is to be refilled because fuel drops under a prefixed level (pre-alarm). It should be coupled with the GSM modem.

€ 219,10

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - DuoCartSwitch

CODE 300
PRICE

Allow to double the autonomy of the methanol fuel cell coupling two cartridges. Suitable for both cartridges of 5, 10 and 28 liters it permits to automatically switch to the second cartridge with the emptying of the first, obtain complete emptying of the tanks consuming the cartridges to the last drop and thus maximizing efficiency, monitor consumption methanol cartridges through to connectivity Hyperterminal.

€ 843,00



EFOY - Service Fluid

CODE 375
PRICE

Service fluid is delivered with your EFOY fuel cell. Thanks to SFC's patented water recovery system, fluid is recovered in a closed circuit. Over a long period of operation with high external temperatures a part of this fluid may evaporate, and the fuel cell will indicate that it requires service fluid. It is recommended to always have a bottle with you. Never fill up more than one bottle, and only when the fuel cell indicates that it really needs it (via the control panel).

€ 9,95



EFOY - USB Adapter

CODE 297
PRICE

Is needed to connect the interface adapter to the PC through a USB plug. It is a standard adaptor USB-serial

€ 44,10



EFOY - Interface Adapter

CODE 296
PRICE

Lets you connect the Efoy Pro fuel cell to the PC through the COM serial interface.

€ 44,10



EFOY - Cluster Controller

CODE 355
PRICE

Offers the following solutions: - you'll have the possibility to put in parallel up to 5 EFOY Pro at the same time – Connect the fuel sensor FS1 and interface adaptor IA1 to the EFOY Pro – Check EFOY Pro remotely

€ 185,40

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - Updater

CODE 656
PRICE

Update the EFOY Pro fuel cell with the latest firm-ware with the updateee

Price on
request



EFOY - Remote control with date line

CODE 369
PRICE

Remote control panel for 1st generation EFOY

€ 160,00



EFOY - Insulated Exhaust hose

CODE 371
PRICE

Leads the produced water and carbon dioxide out of the installing space.

€ 24,70



EFOY - Data line

CODE 429
PRICE

Connects the control panel with the fuel cell

€ 13,15



EFOY - Fuel cartridge holder

CODE 372
PRICE

Necessary to fix the fuel cartridge properly on selected position

€ 24,70

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - Off heat duct

CODE 373
PRICE

During operation the EFOY Pro generates off heat. The off heat duct is used to conduct this off heat to the outside. Includes: Off heat flange, Off heat bow, Off heat tube, External face plate, Lense head screws M4 x 10 (4 screws)

€ 78,20



EFOY - External face plate

CODE 307
PRICE

The external face plate prevents foreign matters from entering the off heat tube.

€ 13,15



EFOY - Off heat flange

CODE 435
PRICE

The off heat flange is required to connect the off heat tube and the off heat bow to the EFOY.

€ 7,85



EFOY - Off heat tube

CODE 434
PRICE

The off heat tube conducts the off heat to the outside. Jolted the off heat tube is 60 cm long, it can be extended up to 100 cm. Diameter: 10 cm.

€ 32,90



EFOY - Off heat bow

CODE 436
PRICE

The off heat bow is used to direct the off heat in an angle to the outside.

€ 15,45

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - Screw set for off heat duct

CODE 308
PRICE

Screw set for off heat duct

€ 3,00



EFOY - Charge line

CODE 356
PRICE

Used to connect the EFOY Pro fuel cell with the battery. Includes: Connecting line to fuel cell (1 m), Cable with fuse 2A Sense, Cable with fuse 15A Power

€ 37,80



EFOY - Cable with fuse 15A Power

CODE 306
PRICE

Cable including 15 Ampere fuse to connect the power line to the battery.

€ 16,45



EFOY - Cable with fuse 2A Sense

CODE 305
PRICE

Cable including 2 Ampere fuse to connect the sense line to the battery.

€ 16,45



EFOY - Connecting line to EFOY

CODE 368
PRICE

Cable to connect the EFOY Pro to the battery fuse cables.

€ 33,00

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - Operating panel

CODE 351
PRICE

Display for communication to EFOY

€ 210,00



EFOY - White frame for operating panel

CODE 362
PRICE

Exchange frame coloured in white for the operating panel.

€ 16,45



EFOY - Black frame for operating panel

CODE 363
PRICE

Exchange frame coloured in black for the operating panel.

€ 16,45



EFOY - Surface mount white for operating panel

CODE 364
PRICE

Surface mount white for operating panel

€ 24,70



EFOY - Surface mount black for operating panel

CODE 365
PRICE

Surface mount black for operating panel

€ 24,70

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - Mounting plate

CODE 370
PRICE

Helps to mount the EFOY Pro fuel cell at the desired and ideal position

€ 88,00



EFOY - Extension cable Power line 8m

CODE 433
PRICE

Extension cable for power line, length: 8 m

€ 75,60



EFOY - Extension cable Sense line 8m

CODE 432
PRICE

Extension cable for sense line, length: 8 m

€ 29,60



EFOY - Frame for remote control

CODE 367
PRICE

Frame for remote control

€ 8,25



EFOY - Port Doubler RJ45-2X1.1

CODE 491
PRICE

The Port Doubler RJ45-2x1.1 is necessary to connect several accessories to the EFOYI.

€ 29,40

PROFESSIONAL Pricelist

METHANOL FUEL CELL - EFOY PROSERIES ACCESSORIES



EFOY - Belt for fuel cartridge holder

CODE 374
PRICE

Guarantees proper mounting of the cartridges on the fuel cartridge holder

€ 8,20



EFOY - Surface mount with screw

CODE 366
PRICE

Surface mount with screw

€ 16,45



EFOY - Solar Charge Controller Steca Solsum

CODE 492
PRICE

Controller of solar energy charge

€ 105,00



EFOY - USB Power Cable for EFOY Updater

CODE 493
PRICE

USB cable for EFOY Updater

€ 7,85



EFOY - Complete shipping box

CODE 376
PRICE

Complete shipping box

€ 68,50

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

METHANOL FUEL-CELL SYSTEM - HORIZON



MFC Mini 100

CODE 347
PRICE

Fuel-cell system designed to connect to your battery to continuously monitor and maintain its charge level as the battery supports your critical low-power loads up to 100W. This system use a safe liquid fuel, incorporating a highly efficient process for generating hydrogen on demand from an economical Methanol / DI Water blend. Near-silent operation, few moving parts, environmentally friendly, extremely efficient, mobile, light and compact. Power rating: 100W - Nominal current: 8.3A@ 12V - Voltage: 10.5-14.4V DC - Fuel consumption: 1.2 l/kWh- Dimensions: 37,4x26,5x25,1cm - Weight: 11kg.

Price on request



MFC 200

CODE 423
PRICE

Fuel-cell system designed to connect to your battery to continuously monitor and maintain its charge level as the battery supports your critical low-power loads up to 200W. This system use a safe liquid fuel, incorporating a highly efficient process for generating hydrogen on demand from an economical Methanol / DI Water blend. Near-silent operation, few moving parts, environmentally friendly, extremely efficient, mobile, light and compact. Power rating: 200W - Nominal current: 16,6A@ 12V - Voltage: 10.5-14.4V DC - Fuel consumption: 1.2 l/kWh- Dimensions: 47x28,7x35,2cm - Weight: 18kg.

Price on request



MFC 3000

CODE 425
PRICE

Fuel-cell system designed to connect to your battery to continuously monitor and maintain its charge level as the battery supports your critical low-power loads up to 3000W. This system use a safe liquid fuel, incorporating a highly efficient process for generating hydrogen on demand from an economical Methanol / DI Water blend. Near-silent operation, few moving parts, environmentally friendly, extremely efficient, mobile, light and compact. Power rating: 3000W - Nominal current: 62.5A@ 48V - Voltage: 43.2-57.6V DC - Fuel consumption: 0.95 l/kWh- Dimensions: 70x115x203cm - Weight: 300kg.

Price on request



MFC 5000

CODE 426
PRICE

Fuel-cell system designed to connect to your battery to continuously monitor and maintain its charge level as the battery supports your critical low-power loads up to 5000W. This system use a safe liquid fuel, incorporating a highly efficient process for generating hydrogen on demand from an economical Methanol / DI Water blend. Near-silent operation, few moving parts, environmentally friendly, extremely efficient, mobile, light and compact. Power rating: 5000W - Nominal current: 104.2A@ 48V - Voltage: 43.2-57.6V DC - Fuel consumption: 0.95 l/kWh- Dimensions: 70x115x203cm - Weight: 350kg.

Price on request



MFC cartridge

CODE 418
PRICE

20litres cartridge of mixed methanol and water

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

ENERGY INDEPENDENCE

Hydrostik Pro

CODE 651
PRICE



Hydrostik PRO is a reversible metal hydride storage system for hydrogen, which is not stored in a compressed state, but in a solid form, making it safe to use in everyday applications. Stores hydrogen safely in a non-compressed, solid metallic form. Refillable multiple times using HYDROFILL desktop hydrogen station. Can power fuel cells up to 30W. Compatible with several products, multiple use

€ 39,50

Hydrofill Pro

CODE 650
PRICE



Hydrofill PRO is the only product in the world able to provide a steady source of hydrogen on request, directly from its built-in water tank, for automatic storage in a safe, metal hydride form (Hydrostik PRO cartridges). Produces & stores hydrogen safely in a non-compressed, solid metallic form. Compatible with several products, multiple use, bundled or sold separately. Input is water and electricity (DC to AC cord supplied). Compatible with solar or wind turbines (requires 25W DC power input)

€ 745,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HY-PEM XP ELECTROLYSERS



Hy-PEM XP 480 24V DC electrolyzer

CODE 558a
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 24VDC - Maximum capacity 480cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 190 W DC - Dimensions: 19" standard rack 4U, 41x17,78x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 20kg

€ 8.515,00



Hy-PEM XP 480 AC electrolyzer

CODE 558b
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 230VAC o 115VAC - Maximum capacity 480cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 224 W AC - Dimensions: 19" standard rack 4U, 41x17,78x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 20kg

€ 8.740,00



Hy-PEM XP 1000 24V DC electrolyzer

CODE 238a
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 24VDC - Maximum capacity 1000cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 306 W DC - Dimensions: 19" standard rack 4U, 41x17,78x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 22kg

€ 11.065,00



Hy-PEM XP 1000 AC electrolyzer

CODE 238b
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 230VAC o 115VAC - Maximum capacity 1000cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 360 W AC - Dimensions: 19" standard rack 4U, 41x17,78x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 22kg

€ 11.845,00

PROFESSIONAL Pricelist

HY-PEM XP ELECTROLYSERS



Hy-PEM XP 2000 24V DC electrolyzer

CODE 559a
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 24VDC - Maximum capacity 2000cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 381 W DC - Dimensions: 19" standard rack 4U, 41x17,78x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 23kg € 12.635,00



Hy-PEM XP 2000 AC electrolyzer

CODE 559b
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 230VAC or 115VAC - Maximum capacity 2000cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 448 W AC - Dimensions: 19" standard rack 4U, 41x17,78x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 23kg € 13.405,00



Hy-PEM XP 3300 24V DC electrolyzer

CODE 232a
PRICE

PEM Electrolyzer for domestic and business uses. Power supply current: 24VDC - Maximum capacity 3300cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Power: 816 W DC - Dimensions: 19" standard rack 4U, 41x22,23x43,5 (without frontal panel), 48,5cm frontal panel - Weight: 25kg € 22.145,00



HyDemi

CODE 437
PRICE

Three-stage purification water demineralizer: mechanical pre-filtration on extruded PE cartridge with 1 mcr filtration degree; reverse osmosis purification; finishing on mixed resins (2 resin cartridges, specific for applications on ultrapure water).

Price on request

PROFESSIONAL Pricelist

HY-PEM XP ELECTROLYSERS SYSTEMS



Hy-Rack Smart Box - system

CODE 512
PRICE

Plug&Play cabinet system for H2 production up to 10 l/min. depending on which Hy-PEX XP Rack electrolyzer is installed, wired and configured to operate in parallel. Includes: 10 l tank for feed water, 5 l tank for waste water, electrical connections and gas connection, cooling fan system with thermostat control. H2 production and absorbed power according to the rack installed. Power supply: 230 VAC (single or three-phase). Pressure: 0-16 bar. H2 purity: 6.0 (99.9999%). Size: 163x58x80 cm. Cabinet weight: 130 kg. Total weight: depending on the Hy-PEM XP Rack installed.

Price on
request



Hy-Rack Smart Box 10K - complete system

CODE 517
PRICE

Plug&Play cabinet system for H2 production of 10 l/min. and 4 kW of absorbed power. Includes: 3 Hy-PEM XP Rack 3300 in parallel. 10 l tank for feed water, 5 l tank for waste water, electrical connections and gas connection, cooling fan system with thermostat control. Power: 3600 W (4kW). H2 production: 9,9l/min. (0,594 m3/h). Power supply: 230 VAC (single or three-phase). Pressure: 0-16 bar. H2 purity: 6.0 (99.9999%). Size: 163x58x80 cm. Cabinet weight: 130 kg. Total weight: 225 kg.

€ 76.730,00



Hy-PEM XP HOME electrolyzer

CODE 528
PRICE

H2 station for domestic use. Demi water and power to generate your personal home energy reserve for long time. - Power supply current: 230VAC or 115VAC - Maximum capacity 2000cc/min - Adjustable pressure from 1-16bar - Gas purity: 6.0 (99,9999%) - Dew point: -70°C - Size: 60x40x25cm

€ 13.405,00



Hy-Refill BOX MINI

CODE 529
PRICE

The domotic management system for the charging of the H2Planet metal-hydride cartridges for the long-term storage. Thanks to the rapid and intuitive interface, it takes just few seconds to install, enabling the automatic management of any H2Planet Hy-PEM XP electrolyzers: both the Hy-PEM XP Rack and the new version Hy-PEM XP Home.

€ 1.785,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HY-PEM XP ACCESSORIES 480-3300



Water filter

CODE 410
PRICE

Water filter and deionizer bag

€ 100,00



External deionizer cartridge

CODE 411
PRICE

External deionizer cartridge

€ 130,00



Teflon tube for connect external water tank

CODE 412
PRICE

Teflon tube for connect external water tank

€ 50,00



External tank 5 liters

CODE 413
PRICE

External tank 5 liters

€ 89,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

HY-PEM XP ACCESSORIES 480-3300



External tank 10 liters

CODE 414
PRICE

External tank 10 liters

€ 97,00



Box for parallel mode

CODE 415
PRICE

Box for parallel mode

€ 745,00



Box for parallel mode with LAN port

CODE 416
PRICE

Box for parallel mode with LAN port

€ 1.355,00

PROFESSIONAL Pricelist

H2 COMPRESSION



HY-Comp XT HP

CODE 756
PRICE

Hy-COMP XT consists in a plug&play hydrogen compression "on-skid" system designed for a domestic and industrial use. Hy-COMP XT HP Version (High Pressure) is designed for full compatibility with all of H2planet branded electrolyzers, thus zero-maintenance brand new advanced Hy-PEM XP series ones as well as alkaline Hy-Flow series. The system is also compatible with third parties' electrolysis systems guaranteeing compatible hydrogen purity grade. Output H2: max 210bar. Input H2: 8-11bar. Uncostant 1,5kW power draw. Hy-REFILL BOX is included.

Price on request



HY-Comp XT LP

CODE 757
PRICE

Hy-COMP XT consists in a plug&play hydrogen compression "on-skid" system designed for a domestic and industrial use. Hy-COMP XT LP Version (Low Pressure) has been designed starting from needs of compression from ambient pressure and small flows of few cc/min in order to achieve up to 15bar pressure or higher depending on starting H2 pressure values. This is the ideal system to multiply pressure from atmospheric conditions to pressure usable with metal hydrides technologies where the impact of humidity and impurities of gas are much smaller than high pressures. Output H2: max 30bar. Input H2: 1-5bar. Uncostant 1,5kW power draw. Hy-REFILL BOX is included.

Price on request



Hy-Refill BOX

CODE 653
PRICE

Hy-REFILL BOX is the H2planet smart electronic control box for automated controlling of hydrogen production and refills of cylinders. The system, 110/230VAC powered and also available on request in the DC 24/48V version, is the best solution on entire market for domestic/industrial independent refills of both pressurized cylinders at 200bar and H2planet metal hydrides technology cylinders of MyH2® product series.

Price on request

PROFESSIONAL Pricelist

HY-FLOW ELECTROLYSERS



Hy-flow 1

CODE 731
PRICE

Alkaline electrolyser up to 1,3m³/h of production capacity of gaseous hydrogen. Guaranteed purity grade 5.0 (99.999%) thanks to purification unit with cartridges dryer or automatic dryer. Hy-Flow electrolyzers provide maximum flexibility in the proposals for installation according to specific needs with solutions of dehumidification and drying.

Price on request



Hy-flow 3

CODE 732
PRICE

Alkaline electrolyser up to 2,66m³/h of production capacity of gaseous hydrogen. Guaranteed purity grade 5.0 (99.999%) thanks to purification unit with cartridges dryer or automatic dryer. Hy-Flow electrolyzers provide maximum flexibility in the proposals for installation according to specific needs with solutions of dehumidification and drying.

Price on request



Hy-flow 6

CODE 734
PRICE

Alkaline electrolyser up to 5,33m³/h of production capacity of gaseous hydrogen. Guaranteed purity grade 5.0 (99.999%) thanks to purification unit with cartridges dryer or automatic dryer. Hy-Flow electrolyzers provide maximum flexibility in the proposals for installation according to specific needs with solutions of dehumidification and drying.

Price on request



Other types Hy-flow

CODE PRICE

Alkaline electrolyser from 10 m³/h up to more than 100m³/h of production capacity of gaseous hydrogen.

Price on request

PROFESSIONAL Pricelist

METAL HYDRIDE STORAGE



MyH2® 300

CODE 564
PRICE

Metal hydrides hydrogen storage. Dimensions: diameter 7cm, length 31,5cm, Weight:2,4Kg, Capacity: 300liters of hydrogen, Storage pressure:1,5-30bar, Working temperature:+5°C +35°C, Hydrogen purity:6.0 € 1.380,00



MyH2® 600

CODE 565
PRICE

Metal hydrides hydrogen storage. Dimensions: diameter 10,2cm, length 31,5cm, Weight:5Kg, Capacity:600liters of hydrogen, Storage pressure:1,5-30 bar, Working temperature:+5°C +35°C, Hydrogen purity:6.0 € 1.850,00



MyH2® 900

CODE 566
PRICE

Metal hydrides hydrogen storage. Dimensions: diameter 10,2cm, length 38cm, Weight:6,9Kg, Capacity:900liters of hydrogen, Storage pressure:1,5-30 bar, Working temperature:+5°C +35°C, Hydrogen purity:6.0 € 2.260,00



MyH2® 2000

CODE 567
PRICE

Metal hydrides hydrogen storage. Dimensions: diameter 11,1cm, length 56cm, Weight:14Kg, Capacity:2000liters of hydrogen, Storage pressure:1,5-30bar, Working temperature:+5°C +35°C, Hydrogen purity:6.0 € 3.990,00



MyH2® 3000

CODE 568
PRICE

Metal hydrides hydrogen storage. Dimensions: diameter 15,2cm, length 53cm, Weight:22Kg, Capacity:3000 liters of hydrogen, Storage pressure:1,5-30 bar, Working temperature:+5°C +35°C, Hydrogen purity:6.0 € 4.990,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

METAL HYDRIDE STORAGE



MyH2® 3000 cluster

CODE 692
PRICE

Over 24Nm³ of hydrogen and over 24 kWh of energy stored in just 40 liters of space of fuel-cell standard H2planet.

Price on request



MyH2® 7000

CODE 507
PRICE

Metal hydrides hydrogen storage. Dimensions: diameter 14cm, length 108,5cm, Weight:47Kg, Capacity:7000 liters of hydrogen, Storage pressure:1,5-30 bar, Working temperature:+5°C +35°C, Hydrogen purity:6.0

Price on request



MyH2® SLIM 80

CODE 673
PRICE

H2planet patent pending slim storage. The best H2 storage device featuring the most advanced quick connection system with the highest performances yet with optimized system for best adsorption and absorption. Normal capacity: 8g (ca. 80l) hydrogen - Hydride alloy: model AB2 - Dimensions: 12x10x3cm - Cartridge internal volume: 0.12 liter - Mass of the entire system: 1,2kg - Maximum operating pressure: 20 bar - Maximum test pressure: 100 bar - Maximum H2 charging pressure: 30 bar (static) - Minimum temperature charging cooling: 10°C - Maximum operating temperature: 65°C.

€ 1.290,00



MyH2® SLIM 350

CODE 674
PRICE

H2planet patent pending slim storage. The best H2 storage device featuring the most advanced quick connection system with the highest performances yet with optimized system for best adsorption and absorption. Normal capacity: 32 g (350l ca.) hydrogen - Hydride alloy: model AB2 - Dimensions: 32x12x3cm - Cartridge internal volume: 0.480 liter - Mass of the entire system: 3,6kg - Maximum operating pressure: 20 bar - Maximum test pressure: 100 bar - Maximum H2 charging pressure: 30 bar (static) - Minimum temperature charging cooling: 10°C - Maximum operating temperature: 65°C.

€ 1.650,00

Storage hydrogen has never been so easy and safe thanks to the ultra-compact metal hydrides gas cylinders designed by H2planet. Thanks to the hydrogen absorption through metal hydride calibrated mixture, the gas is stored in a safe and certified way.

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

UNDER PRESSURE H2 TANK



Hy-Tank 2lt

CODE 758
PRICE

Contains 0,4Nm³ of pressured hydrogen at maximum 200bar. Steel cylinders TPED and CE marked (Made in EU) with a certificate of conformity for hydrogen at 200bar for industrial use. Spinner painted in red included. Compatible with Hy-COMP XT systems and energy storage.

€ 190,00



Hy-Tank 5lt

CODE 759
PRICE

Contains 1Nm³ of pressured hydrogen at maximum 200bar. Steel cylinders TPED and CE marked (Made in EU) with a certificate of conformity for hydrogen at 200bar for industrial use. Spinner painted in red included. Compatible with Hy-COMP XT systems and energy storage.

€ 465,00



Hy-Tank 10lt

CODE 760
PRICE

Contains 2Nm³ of pressured hydrogen at maximum 200bar. Steel cylinders TPED and CE marked (Made in EU) with a certificate of conformity for hydrogen at 200bar for industrial use. Spinner painted in red included. Compatible with Hy-COMP XT systems and energy storage.

€ 570,00



Hy-Tank 50lt

CODE 761
PRICE

Contains 10Nm³ of pressured hydrogen at maximum 200bar. Steel cylinders TPED and CE marked (Made in EU) with a certificate of conformity for hydrogen at 200bar for industrial use. Spinner painted in red included. Compatible with Hy-COMP XT systems and energy storage.

€ 735,00



Hy-Tank 180lt

CODE 762
PRICE

Contains up to 54Nm³ of pressured hydrogen at maximum 300bar and 36Nm³ at 200bar. Steel cylinders TPED and CE marked (Made in EU) with a certificate of conformity for hydrogen at 200bar for industrial use. Spinner painted in red included. Compatible with Hy-COMP XT systems and energy storage.

€ 2.365,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

UNDER PRESSURE H2 TANK ACCESSORIES



Cylinder flange - 1 hole

CODE 763a
PRICE

H2planet cylinder flange to fix under pressure H2 tank to the wall. 1 hole for 50 liters tank (volume), 10Nm3 H2 @ 200bar

Price on request



Cylinder flange - 2 holes

CODE 763b
PRICE

H2planet cylinder flange to fix under pressure H2 tank to the wall. 2 holes for 50 liters tank (volume), 10Nm3 H2 @ 200bar

Price on request



Cylinder flange - 3 holes

CODE 763c
PRICE

H2planet cylinder flange to fix under pressure H2 tank to the wall. 3 holes for 50 liters tank (volume), 10Nm3 H2 @ 200bar

Price on request



Cylinder flange - 4 holes

CODE 763d
PRICE

H2planet cylinder flange to fix under pressure H2 tank to the wall. 4 holes for 50 liters tank (volume), 10Nm3 H2 @ 200bar

Price on request



Cylinder flange - 5 holes

CODE 763e
PRICE

H2planet cylinder flange to fix under pressure H2 tank to the wall. 5 holes for 50 liters tank (volume), 10Nm3 H2 @ 200bar

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

UNDER PRESSURE H2 TANK ACCESSORIES



Hy-line 1

CODE 764a
PRICE

Hy-line is the connection line for hydrogen certified cylinders conceived to safely place and anchor more storage cylinders in parallel with autonomous interception flow valves for each cylinder. It is provided with protection system for wall fixing, valves with knobs to safely disconnect cylinders. Hy-line is compatible with H2planet Hy-COMP XT skid for easy mounting on skid itself. Connection line for 1 cylinder.

Price on request



Hy-line 2

CODE 764b
PRICE

Hy-line is the connection line for hydrogen certified cylinders conceived to safely place and anchor more storage cylinders in parallel with autonomous interception flow valves for each cylinder. It is provided with protection system for wall fixing, valves with knobs to safely disconnect cylinders. Hy-line is compatible with H2planet Hy-COMP XT skid for easy mounting on skid itself. Connection line for 2 cylinders.

Price on request



Hy-line 3

CODE 764c
PRICE

Hy-line is the connection line for hydrogen certified cylinders conceived to safely place and anchor more storage cylinders in parallel with autonomous interception flow valves for each cylinder. It is provided with protection system for wall fixing, valves with knobs to safely disconnect cylinders. Hy-line is compatible with H2planet Hy-COMP XT skid for easy mounting on skid itself. Connection line for 3 cylinders.

Price on request



Hy-line 4

CODE 764d
PRICE

Hy-line is the connection line for hydrogen certified cylinders conceived to safely place and anchor more storage cylinders in parallel with autonomous interception flow valves for each cylinder. It is provided with protection system for wall fixing, valves with knobs to safely disconnect cylinders. Hy-line is compatible with H2planet Hy-COMP XT skid for easy mounting on skid itself. Connection line for 4 cylinders.

Price on request



Hy-line 5

CODE 764e
PRICE

Hy-line is the connection line for hydrogen certified cylinders conceived to safely place and anchor more storage cylinders in parallel with autonomous interception flow valves for each cylinder. It is provided with protection system for wall fixing, valves with knobs to safely disconnect cylinders. Hy-line is compatible with H2planet Hy-COMP XT skid for easy mounting on skid itself. Connection line for 5 cylinders.

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

CARBON FIBER CYLINDER - Hy-Tank XFIBER-S



Hy-Tank XFIBER-S 2

CODE 539
PRICE

Carbon fiber and aluminium cylinder for hydrogen storage. Storage capability 2liters, Size: 10,9cm diameter x 35,5cm height. Weight: 1,4kg. Max. pressure: 300bar

Price on request



Hy-Tank XFIBER-S 2.5

CODE 540
PRICE

Carbon fiber and aluminium cylinder for hydrogen storage. Storage capability 2,5liters, Size: 13,5cm diameter x 30cm height. Weight: 2,5kg. Max. pressure: 300bar

Price on request



Hy-Tank XFIBER-S 5

CODE 541
PRICE

Carbon fiber and aluminium cylinder for hydrogen storage. Storage capability 4,7liters, Size: 14cm diameter x 47,3cm height. Weight: 3kg. Max. pressure: 300bar

Price on request



Hy-Tank XFIBER-S 7

CODE 542
PRICE

Carbon fiber and aluminium cylinder for hydrogen storage. Storage capability 6,8liters, Size: 15,7cm diameter x 51,9cm height. Weight: 3,8kg. Max. pressure: 300bar

Price on request



Hy-Tank XFIBER-S 9

CODE 543
PRICE

Carbon fiber and aluminium cylinder for hydrogen storage. Storage capability 9liters, Size: 17,8cm diameter x 54,1cm height. Weight: 5,3kg. Max. pressure: 300bar

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

QUIK CONNECTION

Quick connection Female - female 1/4in

CODE 712
PRICE



Quick connection fittings in carbon steel for quick and easy connection and disconnection of devices and pressurized with hydrogen gas up to 30 bar. Female 1/8" to stem connection + female threaded 1/4" gas connection with nipples / male compatible.

€ 109,00

Quick connection male - female 1/4in

CODE 713
PRICE



Quick connection fittings in carbon steel for quick and easy connection and disconnection of devices and pressurized with hydrogen gas up to 30 bar. Male 1/8" to connection stem + female threaded 1/4" gas connection with nipples / male compatible

€ 109,00

Quick connection male - female 1/8in

CODE 714
PRICE



Quick connection fittings in carbon steel for quick and easy connection and disconnection of devices and pressurized with hydrogen gas up to 30 bar. Male 1/8" to connection stem + female straight to tighten with ferrules on hose 1/8" connector with nipples / male compatible.

€ 98,00

MyH2® SLIM 80 quick connector male

CODE 718
PRICE



Quick connection fittings in carbon steel for quick and easy connection and disconnection of devices and pressurized with hydrogen gas up to 30 bar. Female 1/8" to stem connection + female threaded 1/8" gas connection with nipples / male compatible.

Price on request

MyH2® SLIM 80 quick connector female

CODE 719
PRICE



Quick connection fittings in carbon steel for quick and easy connection and disconnection of devices and pressurized with hydrogen gas up to 30 bar. Female 1/8" to stem connection + male threaded 1/8" gas connection with nipples / female compatible.

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

FITTINGS AND TRANSDUCER

G-NPT fitting

CODE 705
PRICE



Threaded carbon steel fitting for connection to tighten pressurized tubes with hydrogen gas up to 30 bar. Female 1/8 " tube to tighten with ferrules + male thread 1/4" gas for connecting female thread to compatible. Required banding of threads with a Teflon band for hydrogen, white or gold series.

Price on request

T fitting G1/4in

CODE 706
PRICE



Threaded carbon steel T fitting for connection to tighten pressurized tubes with hydrogen gas up to 30 bar. Female T-ended 1/4"G for thread male 1/4"G. Required banding of threads with a Teflon band for hydrogen, white or gold series.

Price on request

L fittings

CODE 707
PRICE



Threaded carbon steel L fitting for connection to tighten pressurized tubes with hydrogen gas up to 30 bar. Female L-ended 1/4"G for thread male 1/4"G and female L-ended 1/8"G for thread male 1/8"G. Required banding of threads with a Teflon band for hydrogen, white or gold series.

L G1/4"

Price on request

L G1/8" M-F

H2 transducer

CODE 406
PRICE



H2planet steel pressure transmitter, long-term reliability of the electrical and mechanical characteristics. Sensitive part in contact with the pressure entirely made of 17-4PH stainless steel resistant to corrosion. Internal pressures detected by complete strain gauge bridge, which ensures constant performance even in presence of peaks. Fillet of standard fitting of 1/4 "G male.

1/4"gas male 10 bar

Price on request

1/4"gas male 50 bar

1/4"gas male 200 bar

PROFESSIONAL Pricelist

NIPPLES AND HOSE ADAPTERS



Nipples

CODE 709
PRICE

Carbon steel nipple for connection of tubes and devices under pressure with hydrogen gas up to 30 bar. Required banding of threads with a Teflon band for hydrogen, white or gold series.

G conical – G cylindrical 3/8"

G conical – G cylindrical 1/4"

G conical – G cylindrical 1/8"

Price on request

Nipples adapters

CODE 710
PRICE



Carbon steel nipple adapter for connection of tubes and devices under pressure with hydrogen gas up to 30 bar. Required banding of threads with a Teflon band for hydrogen, white or gold series.

G 1/4" - 3/8"

G 1/4" - 1/8"

G 1/4" - 1/4"

Price on request



Hose adapters

CODE 711
PRICE

Threaded hose adaptor in stainless steel M5 with concentric rings for hoses of 3 mm inner diameter. Suitable for flexible hoses for passing hydrogen gas at low pressure (max 2bar absolute) in silicon, teflon, rubber, etc. ..

2mm → M5

3mm → M5

2mm → G1/8"

Price on request

Teflon tape for H2 junctions - white

CODE 642
PRICE



Teflon tape for H2 junctions - Standard version is white 12mm, spool 12m.

Price on request

Teflon tape for H2 junctions - gold

CODE 643
PRICE



Teflon tape for H2 junctions - high/low temperature (+260 °C / -200 °C) gold version 12mm; spool 12m.

Price on request

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

FLEXIBLE HOSES



Silicon hoses

CODE 187
PRICE

Silicon hoses to connecting components with hydrogen gas at low pressure for short sections (max 30-40cm). Maximum recommended pressure 2 bar.

Silicon hoses – 2,4x4mm -50cm

Silicon hoses - 3,4x6mm – 20 cm

Silicon hoses – 3,4x6mm – 50cm

Price on
request

Tygon hoses - 2,4x4mm -50cm

CODE 704
PRICE



Tygon hoses to connecting components with hydrogen gas at low pressure for short sections (max 30-40cm). Maximum recommended pressure 2 bar.

Price on
request

HyExtention hoses

CODE 112
PRICE



Steel hose coated in PVC for connecting components with gaseous hydrogen at high pressure and high flow with maximum pressure 220bar. Maximum recommended pressure 220bar.

HyExtention hoses – 1m

HyExtention hoses – 2m

Price on
request

PROFESSIONAL Pricelist

FLEXIBLE HOSES



PTFE stainless steel hose

CODICE 454
PREZZO

PTFE stainless steel hose AISI 304 resistant to high temperature and pressure (275bar, -60°C/+250°C)

PTFE stainless steel hose – 1m € 140,00

PTFE stainless steel hose – 2m € 160,00



LOW permeation hoses

CODICE 465
PREZZO

H2planet low permeation hose, ideal for hydrogen, in ETFE coated with Kevlar and resistant to high temperatures steel mesh, for fitting components with hydrogen at high pressure. Maximum recommended pressure: 300 bar.

LOW permeation hoses – 1m € 215,00

LOW permeation hoses – 2m € 270,00



ZERO permeation hoses

CODICE 431
PREZZO

H2planet zero permeation hose in corrugated steel, resistant to high temperature and pressure, for fitting components with hydrogen. Maximum recommended pressure: 300 bar.

ZERO permeation hoses – 1m € 350,00

ZERO permeation hoses – 2m € 435,00

PROFESSIONAL Pricelist

REFILLING KIT



Refilling kit single connection 1m

CODE 159
PRICE

Connection kit for refills of Hydrostik and Hydrostik PRO metal hydrogen hydrides canisters with screw system

€ 185,00

Refilling kit quick connection

CODE 214
PRICE



Connection kit with PTFE stainless steel hose AISI 304, for metal hydride canisters and Hy-regulator

Refilling kit quick connection 1m

€ 215,00

Refilling kit quick connection 2m

€ 225,00

Refilling kit quick connection low permeation

CODE 215
PRICE



Connection kit with low permeation hose in ETFE coated with Kevlar, for metal hydride canisters and Hy-regulator

Refilling kit quick connection low permeation 1m

€ 235,00

Refilling kit quick connection low permeation 2m

€ 330,00

Refilling kit quick connection zero permeation

CODE 499
PRICE



Connection kit with ZERO permeation hose for high temperature for metal hydride canisters and Hy-regulator with Swagelok QC4 quick connector for MyH2® and MyH2® SLIM 350 or Swagelok QM quick connector for MyH2® SLIM 80 and adapter nipple.

Refilling kit quick connection zero permeation 1m

€ 385,00

Refilling kit quick connection zero permeation 2m

€ 535,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

REFILLING KIT

Hydrofill adapter female

CODE 549
PRICE



Hydrofill accessories: adapter with quick connector female for Hydrofill and Hydrofill PRO electrolyzers

€ 275,00

Hydrostik refilling kit

CODE 199
PRICE



Adapter with quick connector female compatible with all male H2planet refilling kit for charging with cylinder at 30 bar pressure adjusted.

Price on request

PROFESSIONAL Pricelist

SENSORS AND VALVES

Hy-Sniffer

CODE 180
PRICE



Convenient, compact , super accurate hydrogen sensor and meter. Pump: 40ml/min Dimensions: 18cmx5cmx15cm Weight:410gr Power consumption:2VA. Everything you would need to develop experiments, analysis, tests and check up on hydrogen machines and their world.

€ 1.565,00

Hy-Detector

CODE 657
PRICE



Hy-Detector is an intelligent hydrogen gas monitor intended for safety applications in power generation equipment. The sensor has a VOC filter, cannot be damaged by overexposure. Linear measurement of hydrogen concentrations is possible up to 25,000 ppm with about 100 ppm resolution. Each device is factory calibrated to a user-specified alarm point. The device operates at 3VDC and consumes about 1000mW.

€ 420,00

Hy-Sensor

CODE 314
PRICE



High sensitivity hydrogen sensor for gas leak. Sensor for O&M integrations in PCB equipment or electronic control hydrogen gas. Ideal for integration in detectors of hydrogen due to the high sensitivity to low concentrations. Detects hydrogen concentrations from 0 to 1000ppm.

€ 100,00

H2 electrovalve - ATEX

CODE 313
PRICE



ATEX certified electrovalve for hydrogen with 12VDC coil with 1/4 "G input/output connections. Ideal for flow controlling of hydrogen onto pipings or flow control needs within 80 bar at temperatures between -10°C and +40°C. Typically used to stop flows at high pressure prior to low pressure (second stage) pressure regulators for fuel-cells.

€ 350,00

H2 compact electrovalve - ATEX

CODE 404
PRICE



ATEX certified electrovalve for hydrogen with 12VDC coil with 1/8 "G input/output connections. Ideal for flow controlling of hydrogen onto pipings or flow control needs

€ 325,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

ANTI BACKFIRE VALVES



ARF 500bar - 30Nm³/h

CODE 753
PRICE

Anti backfire valve suitable to be used on pipes of small diameter both on flexible or rigid hoses DN: 4, Max. pressure: 500bar, max. flow: 30Nm³/h, temperature range: -40/+100 °C, connections in/out: 1/4 "NPT F/M

€ 85,00



ARF 12bar - 25Nm³/h

CODE 754
PRICE

Anti backfire valve for safety to be inserted downstream of the pressure reducing valves. Protect against explosions and fires due to backfiring. Construction according to EN730, brass body, sintered metal filter, one-way. Max. flow: 25Nm³/h, max working pressure: 12bar, attacks in/out: G3/8F sx metal seal, dimensions: 8.5 cmx2, 2diam.

€ 50,00



ARF 12bar - 50Nm³/h

CODE 755
PRICE

Anti backfire valve for safety to be inserted downstream of the pressure reducing valves. Protect against explosions and fires due to backfiring. Construction according to EN730, brass body, sintered metal filter, unidirectional. Flow: 50Nm³ / h, Maximum working pressure: 12bar, Attacks in/out: G3/8F sx metal seal, Dimensions: 10.7 cmx3, 2diam.

€ 130,00

PROFESSIONAL Pricelist

PRESSURE REGULATORS

Hy-supply Compact

CODE 183
PRICE



Connection kit to connect the hydride gas cylinders to the fuel-cell. Embedded:
- male Swagelok
- connectors and different fittings
- pressure regulator (P in 10 bar, P out 0,3-0,5bar)
- Silicon pipe with a 6mm diameter

€ 215,00

Hy-Supply XP connection kit with pressure regulator FL1

CODE 184
PRICE



Quick connection kit to hook up MyH2® canisters or compressed hydrogen cylinders with main pressure regulators easily and safely. Ideal for hydrogen flows within 7l/min. Includes: Swagelok quick connector + PTFE/high resistance woven INOX AISI 304 stainless steel layer 2mm internal diameter + fittings/nipples/connections + brass-made hydrogen certified pressure regulator + inlet max. pressure 30bar + manometer (0,2-1,5bar) + sylicon tube holder at choice 2-6mm internal diameter for fuel-cell connection

€ 310,00

Hy-Supply XP connection kit with pressure regulator FL2

CODE 185
PRICE



Quick connection kit to hook up MyH2® canisters or compressed hydrogen cylinders with main pressure regulators easily and safely. Ideal for hydrogen flows from 7l/min. up to 100l/min and more. Includes: Swagelok quick connector + hydrogen certified ETFE kevlar low permeation hose/high resistance woven INOX AISI 304 stainless steel layer 6mm internal diameter + fittings/nipples/connections + brass-made hydrogen certified pressure regulator + inlet max. pressure 30bar + manometer (0,2-1,5bar) + sylicon tube holder at choice 2-6mm internal diameter for fuel-cell connection

€ 350,00

Hy-Supply XP connection kit with pressure regulator FL3

CODE 357
PRICE



Quick connection kit to hook up MyH2® canisters or compressed hydrogen cylinders with main pressure regulators easily and safely. Ideal for hydrogen flows from 7l/min. up to 100l/min and more. Includes: Swagelok quick connector + hydrogen certified zero permeation hose/high resistance woven INOX AISI 304 stainless steel layer 6mm internal diameter + fittings/nipples/connections + brass-made hydrogen certified pressure regulator + inlet max. pressure 30bar + manometer (0,2-1,5bar) + sylicon tube holder at choice 2-6mm internal diameter for fuel-cell connection

€ 405,00

PROFESSIONAL Pricelist

CONNECTION KIT

Hy-PEM XP Connection Kit

CODE 239
PRICE



Connection kit to connect Hy-PEM electrolizers to metal hydrides cartridges. Included: 1/8" PTFE flexible hose + male Swagelok quick connector (H2planet products compatible standard)

€ 135,00

Hy-flow connection kit

CODE 182
PRICE



kit to connect Hy-flow electrolyzers to hydrides cartridges. Included: 1/8" copper rigid hose (to bend) + male Swagelok quick connector (H2planet products compatible standard). Included: output air mode from electrolyzers in copper, 1/8" size + male Swagelok quick connector

Price on request

Double male connection kit

CODE 658
PRICE



Quick connector Swagelok QC4 stem male-male 50cm Composed by tube 50 cm PTFE coated mesh steel AISI 400, resistant to high temperature and pressure (275bar, -60 ° C / +250 ° C), connection nipples and couplings To use with: connection MyH2® and Hydrofill Adaptor / Hy-PEM XP / GreenHub / GreenBox

€ 325,00

Low permeation double male connection kit

CODE 801
PRICE



Quick connector Swagelok QC4 stem male-male 50cm Composed by hose 50 cm ETFE+kevlar+inox coated mesh steel AISI 400, resistant to high temperature and pressure (275bar, -60°C/+250°C), connection nipples and couplings. To use with: connection MyH2® and Hydrofill Adaptor/Hy-PEM XP/GreenHub/GreenBox (H2planet products compatible standard)

€ 340,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

PRESSURE REGULATORS



Pressure regulator

CODE 417
PRICE

Pressure regulator with manometer. ATEX certified for Zone 1, 21, 2, 22. Maximum inlet pressure 30 bar. Output pressure adjustable between 0.2 and 1.5 bar, between 0.3 and 3 bar, between 0.8 and 8 bar and between 1.5 and 15 bar. Input and output connections with 1/4 " female. Temperature between -10 ° C and + 50 ° C, Weight 380 g

Price on request



HY-regulator

CODE 113
PRICE

Pressure regulator for high pressure hydrogen cylinders max. 220 bar with pressure gauges included, output pressure: 5-50 bar, flow rate up to 300 Nm³/h, adjustment system: piston. Made of Brass and Neoprene, attack on the left to bottle UNI 4405 and output connection on the right G3/8"female. Manometer in: 0-315 bar,out: 0-100 bar. Filter and pressure relief valve included. Working temperature: -20°C to +60°C.

€ 410,00



HY-regulator Ultralight

CODE 114
PRICE

Low weight pressure regulator for high pressure cylinders max. 220 bar, pressure gauges included, suitable for connection to the hydrogen industrial cylinders for charging MyH₂® metal hydrides, for GreenHub and GreenBox power generators. Pressure out: 0-0-40bar or 15bar, Max flow rate: 220 Nm³/h, adjustment system: piston. Made of Brass and Fairprene membrane, attack on the left to bottle UNI 4405 and output connection on the right G3/8 "female. Manometer in: 0-315 bar and out: 0-100 bar. IRV filter and pressure relief valve included. Working temperature: -20° C to +60°C. Manufactured according to EN ISO 2503

€ 460,00

PROFESSIONAL Pricelist

POWER REGULATORS



Hy-Caps

CODE 796
PRICE

H2planet ultracapacitors sized for appropriate use with stacks to buffer micro-short circuit effects of PEM fuel-cell stacks and for performances optimization under load conditions.

Hy-Caps ultracapacitors properly charged are in fact designed in order to sustain chemical reaction of fuel-cell stack once current draws increase and load rapid variation can be buffered and SCU (Short Circuit Unit) effects correctly kept. Rated voltage: 60V – Capacitance: 4,16F - Rated current: 20,1A - Max. current: 56,8A - Operating temp. range: -40°C +60°C - Dimensions: 14,8x9,4x4,8 - Weight: 541g.

€ 335,00



Hy-Caps Mini

CODE 831
PRICE

H2planet ultracapacitors sized for appropriate use with stacks to buffer micro-short circuit effects of PEM fuel-cell stacks and for performances optimization under load conditions.

Hy-Caps ultracapacitors properly charged are in fact designed in order to sustain chemical reaction of fuel-cell stack once current draws increase and load rapid variation can be buffered and SCU (Short Circuit Unit) effects correctly kept. Rated voltage: 25V – Capacitance: 2,5F - Rated current: 5,21A - Max. current: 15,6A - Operating temp. range: -40°C +60°C - Dimensions: 12x5,5x2,6 - Weight: 87g.

€ 220,00



Hy-Caps ULTRA

CODE 221
PRICE

H2planet ultracapacitors sized for appropriate use with stacks to buffer micro-short circuit effects of PEM fuel-cell stacks and for performances optimization under load conditions.

Hy-Caps ultracapacitors properly charged are in fact designed in order to sustain chemical reaction of fuel-cell stack once current draws increase and load rapid variation can be buffered and SCU (Short Circuit Unit) effects correctly kept. - Rated voltage: 15V - Capacitance: 36,6F - Rated current: - Max. current: - Operating temp. range: -40°C +60°C – Dimensions: 9,5x6x7cm – Weight:270g

€ 170,00



E-bike

CODE 204
PRICE

E-bike consists in 3 PCB modules of Hy-caps ULTRA (6 elements) to be put in series to achieve 45V, the ideal voltage for electric bicycles

€ 460,00

To send orders, inquiries, requests: orders@h2planet.eu

PROFESSIONAL Pricelist

POWER REGULATOR

DC-DC Hy-Conv

CODE 536
PRICE



DC-DC converters designed for the stabilization of output voltage to fixed DC values. Ideal for H2planet fuel-cell stacks with output voltage to 12/24/48VDC for a better and reliable use of direct current loads. DC-DC Hy-Conv support SCU (Short Circuit Unit) on input ports of converter device, typical of outputs of PEM fuel-cell stacks.

Price on request

DC-AC Hy-Conv

CODE 693
PRICE

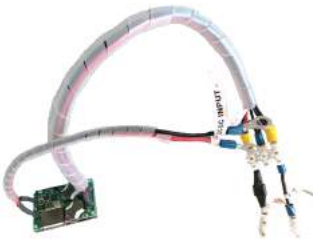


DC-AC converters designed for the stabilization of H2planet fuel-cell stacks with output voltage to fixed 230 VAC values (adjustable 210-220-240VAC and 50-60Hz) for an optimal use of alternating current loads. Input 12/24/48VDC to be achieved through DC-DC Hy-Conv.

Price on request

DC-DC MINI 12V

CODE 402
PRICE



DC-DC converters for stabilizing the output voltage of stack with output 12 VDC for an optimum use of the direct current loads. Maximum power: 96W

Price on request

DC-DC MINI 24V

CODE 403
PRICE



DC-DC converters for stabilizing the output voltage of stack with output 24 VDC for an optimum use of the direct current loads. Maximum power: 96W

Price on request



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Contact us!

