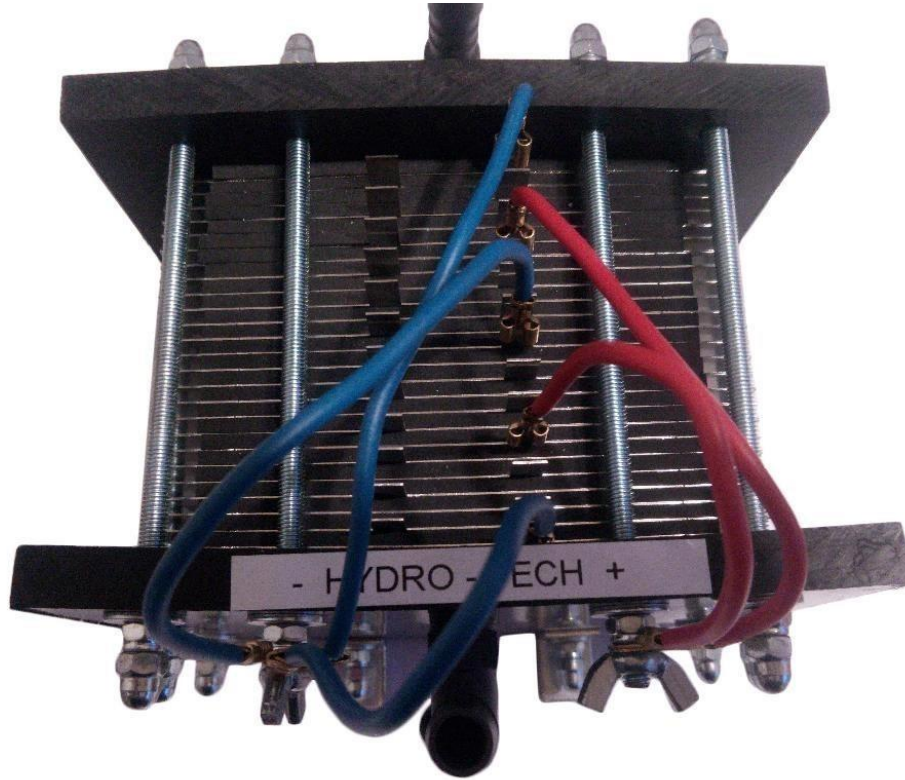


Manual Book for Hydrogen Generator 25 Plate - efficient and environment friendly

email: infocsmade@gmail.com

<https://www.csmade.co.uk/>



Functions ; To be used as a hybrid (supplements) for land vehicles , marine and electric .All kinds of torches , cleaners , welders etc.

Thank You for choosing 25 plate hydrogen generator from Hydro-Tech. Please read installation guide carefully in order to produce the best of this unit . Everything You need to run this unit will be described step by step .

This hydrogen generator Dry Cell has been constructed so that HHO gas could be produced with relatively small electric current that can be adjusted from 6 - 29 amperes with voltage from 12 to 24V.

Table of context

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Please before You will start make sure You have following :

- safety gloves
- safety glasses

Electric connections. Please make sure that You have power regulator (please follow instructions provided by power regulator seller)hho suitable and easy access to "ON" and "OFF" switch . All connections need to be clean and have no connection to any flammable fules as petrol etc. Generator when connected should not make any contact to frame or steel table as it will work as Zero load and generator will not work.

Solution connections . All connections need to be secured with cable ties etc. Hoses need to be made out of acid resistant materials only (silicone for example) otherwise may melt due to being subject to acid like solution. PVC hoses will last a long time however will slowly melt inside which can damage your torch etc. . Please make sure that if solutioun will make contact with skin You will immidiately wash Your hand with soap useing warm water .

Gas storage . HHO gas is never to be stored . Gas MUST be used as it is made as it is higly explosive . Storage of gas is not reccomended at any instance and could result in fatality or serious harm and loss of property.

Hydrogen generator general description

This unit has got six basic connection - four solution and two electrical connections . Hydrogen generator when wroking needs to always be in upright position . Inlet hose has to always be filled with water to prevent hydrogen generator from overheating . Maximum generators temperature is 55 C .



a)

solution connections

Inlet connection . This is two bottom elbow connectors -one each side- for which You will need 10 mm id hose . Hose should be crystal clear secured with cable tie as mentioned above . Bottom connectors should be connected just like on the picture with y connector and than to bottom of your tank .

Outlet connection is Your two top elbow connectors - should be secured as well and proper hose to be used . Connected to one another just like on the picture with y connector and than to the top of your tank .

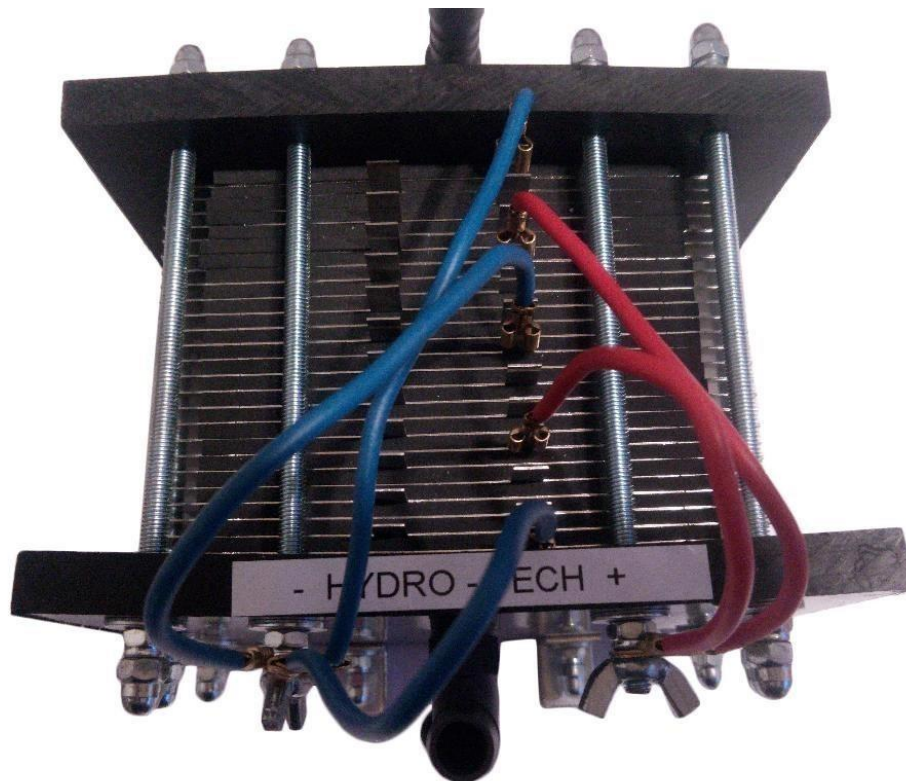
There should be 12-14 inches or 35 -40 cm drop from tank to generator. You should always run straight lines beetwen generator and tank and if that is not possible you might have to use small water pump. Transparent hoses will help to keep your eye on gas production as well as solution colour. Soluution getting brown may indicate that there is slow water flow in your system and you will need to flush. How to fulsh id described in nr 4 of this manual.

Sulution requiriments

a) You will need KOH – as pure as possible. You will need to use distilled - pls make sure You buy genuine distilled water as You will not be able to produce HHO gas out of tap water . The perfect ratio will be 1 teaspoon per 1 litre of distilled water.

b) Electrical connnections .

Your hydrogen generator has got two build in electrical connection marked with black on white stickers . On the left minus marked with - and on the right plus marked with + . Please use butterfly screws provided to secure Your electrical connections . It is warranty requirement that power regulator is used therefore make sure You are using one . Every single plate in your generator can be made active or neutral when needed . That means this they can all be connected depending on your needs . Best solution is to connect :



For 12 V

Exactly as on the picture . Connect very first plate with - (minus) than leave 5 neutral plates and connect+ (plus) and than 5 neutral plates and connect minus and so on . This is ideal configuration for 12V instalation as it will give you 2V per plate .

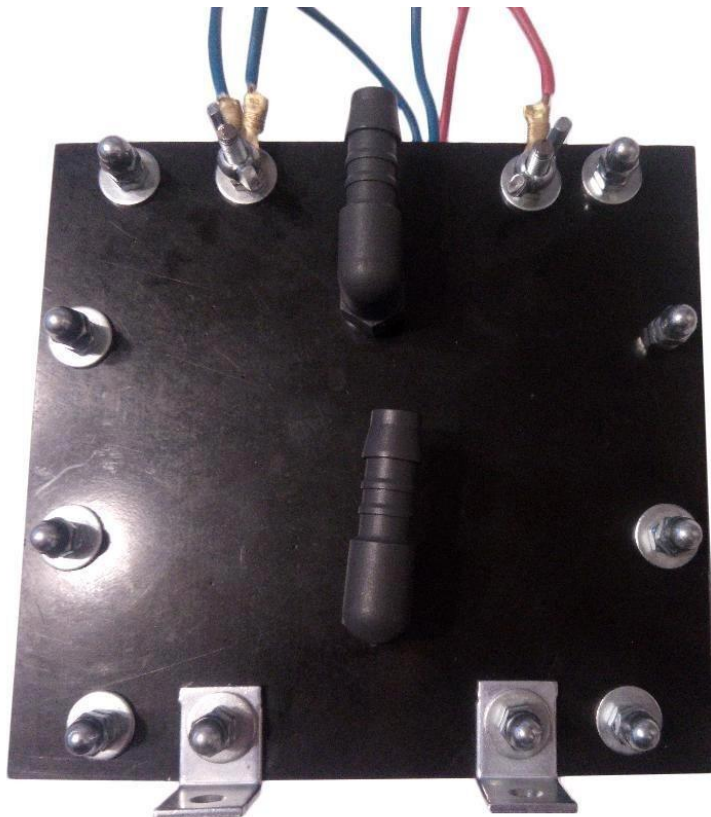
For 24V all you need to do is to connect very first and very last plate to - (minus) and plate number 13 to plus . This way you will have 11 neutral plates - 2V per plate .You can change configuration when generator is disconnected . Just make sure temperature will not go over 55C.

This is best connection method and you will get best results when it comes to amount of power / gas production. You may connect every single plate ,or change plates you connect way you like however need to remember to keep generators temperature lower than 55C.

Single plate ,or change plates you connect way you like however need to remember to keep generators temperature lower than 55C.

Mounting

Make sure generator is mounted upritgh . It comes with fittings to make whole procedure much easier.



d) For any parts please visit our website

Product design

Product is made out of following :

- 25 316L stainless steel plates - acid resistant and laser cut ,
- 4 nylon hose elbow connectors - acid resistant ,
- 26 rubber gaskets ,
- Stainless steel bolts , screws and washers .

Product is design to last 5 years when being used continuously . Class of components used is backed by certificates provided by suppliers .

How do I clean my unit?

The pump definitely helps in keeping good flow in any situation where the recommended configuration is not able to be met. If you notice your water becoming murky, very dark or browning at an advanced rate, you may begin to suspect that something foreign may have entered into the process which led to this discoloration. It also maybe possible that your circulation is poor. I do not want you to get become stressed about this discoloration, although we do want to try and keep the system clean as possible because of its importance.

INSTRUCTIONS ON HOW TO FLUSH:

1. Empty system of current electrolyte (drain the system of the water which it is currently holding).
2. Replace with Distilled White Vinegar.
3. With Tank Cap OFF, Turn HHO system on for 5-10 minutes allowing the vinegar to flow through the system and cleanse from inside out.
4. Empty Again (repeat step 1).
5. Replace with new distilled water/KOH mixture.

If your drop is not of 12-14 inches for single dry cell and not 14-16 inches for multiple dry cells with close to straight down with little to no snaking of the lines, you maybe experiencing poor circulation, which can speed up this browning process.

Warranty procedures

This product can be returned to seller within 30 days after purchase .

Warranty for this prouct lasts six months however product is bulid to work for 5 continous years . You will loose You warranty if You :

- Overheat generator over 55C or run it at more than 16amps and melt it ,
- If You dismantle product , try to expand it by adding plates , loose bolts or other parts ,

Seller reserves right to decide if He will replce parts or give full refund. Your invoice or date of purchase(ebay customers) is beginning of Your warranty .

Thank You for buying our product . Hope that You will be happy with Your purchase and come back to us in the future .

THANK YOU !!!