

HG PWM 15 (one mosfet) and PWM30 (two mosfets) (Hydrogen Garage Pulse Width Modulator adjustable frequency, 1hz to 150K hz) We set at 96hz.

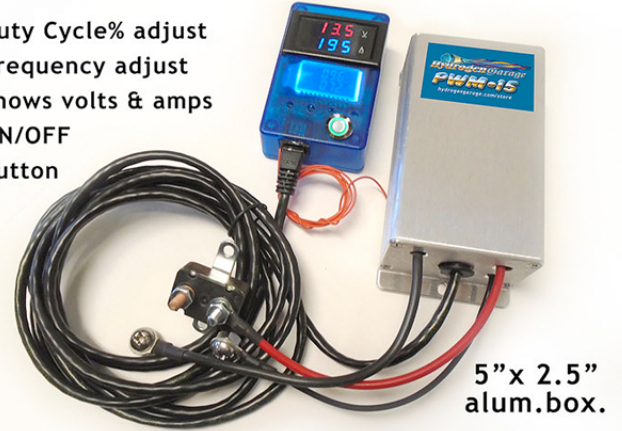
We used 300hz for over 14 years. We follow the 3-6 and 9 that Nikola Tesla mentioned. Our Bob Boyce™ approved PWM that is especially designed HHO cell controller. We use components compatible with capturing and attracting non-hertzian energy. Non-hertzian energy helps produce a higher quality form of HHO gas. True Hydroxy Gas™ We are not trying to hit resonance; we are just trying to produce a high % of the ortho spin state.

“If you only knew the magnificence of the 3, 6 and 9 then you would have a key to the universe.”
Nikola Tesla.



Designed for (-) ortho HHO Hydroxy Gas™

Duty Cycle% adjust
Frequency adjust
Shows volts & amps
ON/OFF
button



10' cable to dash

Resettable FUSE

5" x 2.5" alum. box.

We have developed a low cost PWM controller for a H2O sealed, series cell design, to run a S7 or a D7 or TD7 12v/14v DC We also have a 24v model. We use a low 96hz square wave pulse to the water in the cell. Frequency can be adjusted from 1 hz to 150K hz Duty cycle from 1% to 99%. HG PWM15 is for the S7 (single 7) and D7 (dual 7 plate, 13 Plate) HHO Water Cell. For the 9x16 cells we use the PWM30 as it can handle more amperage for Trucks 8L to 15L.

Duty Cycle % to amperage draw at 13.7 volts. 10% NaOH to Water mix. Tests below was done with a cleansed and conditioned cell, where the oxides are taken out of the stainless so that the ortho spin state will happen in a greater %. Chromium oxides (yellow water) will prohibit ortho hho from being formed. We start developing a golden catalytic layers on the - H side of the plates. We attract non-hertzian - energy with a inductor toroid and stop the pulsing with RF choke + toroid.

Duty Dash Display “Duty Cycle %”
Cycle = amperage draw %

30%	=	1.9 amps
35%	=	2.3 amps
40%	=	2.9 amps
45%	=	3.5 amps
50%	=	4.1 amps
55%	=	4.7 amps
60%	=	5.3 amps
65%	=	6.0 amps
70%	=	6.6 amps
75%	=	7.5 amps
80%	=	8.3 amps
85%	=	8.7 amps
90%	=	9.4 amps
95%	=	9.8 amps
99%	=	11.7 amps
100%	=	13+ amps - flat line

We include a 15/40 amp reset-able fuse that will turn off the cell if the mosfet blows, for safety it shuts down. If the CAT5 cable disconnects from the dash display the cell will go full blast, flat line and no good! Bob Boyce says to watch out tuning at 60-66hz, it could reach resonance all Of a sudden and the driver will not know what is going on. Please read all our install manuals at hydrogengarage.com/assembly.html Thank you for the purchase and cleaning up your emissions as well. Andrew from Hydrogen Garage. You need to also read our install terms. Our HG terms are at hydrogengarage.com/terms.html