Effect Of Voltage Variations 12V and 24V The Power Supply DC On Hydrogen Generator Cleaner To Production and Visualization In The Combustion Chamber. Azamataufiq Budi Prasojo, S.T M.T (*a chief counselor*), Aditya Wahyu S.T, M.T (*as a member counselor*)

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ABSTRACT

In this study conducted to determine the voltage ratio 12V 30A with a voltage comparison 24V 30A. Comparison of this voltage variation The highest ratio of HHO gas discharge is produced from the HHO decarbonizer generator, namely at minute to 5 while running third for 10 minutes with results 0.7 L / min on 24V 30A data collection and lowest results on the 5 minute when first running with 0.1 L / min results on 24V 30A data collection. For the highest current measurement data from this comparison data retrieval, namely at the 5th minute when the first running for 10 minutes with the results of 18A on 24V 30A data retrieval and the lowest result at 10 minutes while running the third for 10 minutes with 0.07 A results on 12V 30A data retrieval. Measurement of the results of this voltage comparison, the highest result of the comparison table is at the 5 th minute when the first running for 10 minutes with the results of 11.9V from the 24V 30A comparison table results and the lowest comparison results data at minute 5 when running second for 10 minutes with 3.60V results from the 2V 30 A comparison table. 10 when running second.

Key Word : *Voltage Ratio, HHO Generator Dry Cell Type*