

## Executive Summary

### HP2g LLC

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[www.hp2g.com](http://www.hp2g.com)

Douglas Pelmar  
Founder, President, Managing  
Member

Sheila Pelmar  
EVP

Jennifer Rodgers  
Chief Financial Officer

Mark Schnitkey, JD  
Business Development

### Markets Served

1. Auto OEM and Tier 1
2. Product Shipping
3. Trucking companies
4. Mass Transit Industry
5. Auto Aftermarket
6. Law Enforcement
7. DOE Clean Cities

### Investment requirement

HP2g, LLC is seeking investment of \$2,500,000 for production, initiating Sales promotions /advertising & expenses.

Retail Price: \$650

Confidential

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## HP2g Skip-Fire™ Cylinder Exclusive Variable Displacement

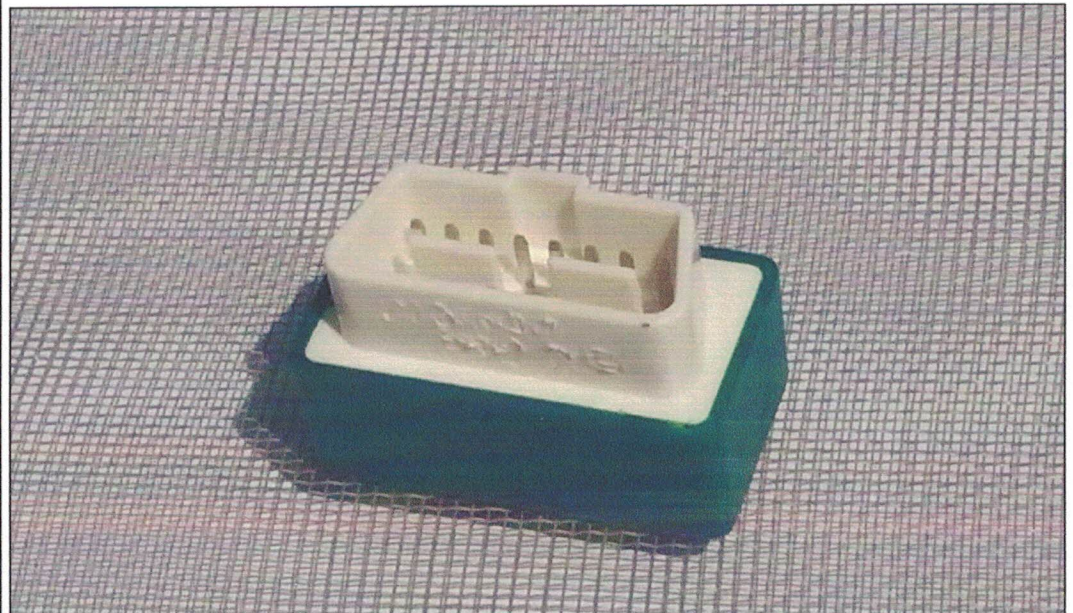
**Elevator Pitch** - The **HP2g Skip-Fire™** is an engine management system capable of operating an engine on any number of cylinders, upon demand, from the maximum number down to one while rotating the firing cylinder to save wear. The Skip-Fire can increase the fuel economy in targeted vehicles, thereby reducing fuel costs by 15%.

**How it works** – The **HP2g Skip-Fire™** system shuts off fuel to cylinders while rotating the cylinders of fire. This system can operate in full capacity firing all 8 cylinders or can fire down to as low as 1 cylinder. The non firing cylinders of the engine still open and close the valves bringing the cool outside air into a hot cylinder. This allows the air to expand causing the engine to have a **Stirling Engine** effect.

**Opportunities** –                      **30,000 unit**                      **60,000 unit**                      **120,000 unit**

Pro Forma Financials	Year 1	Year 2	Year 3
Total Revenue	19,500,000	39,000,000	78,000,000
Operating Expenses	3,500,000	7,000,000	14,000,000
Net Income	16,000,000	32,000,000	64,000,000

**Competitive Advantages** – The **HP2g Skip-Fire™** system is far advanced from the variable displacement systems currently manufactured by the world's automotive OEMs, which only operate to shut down half of an engine's cylinders, always in the same firing position. The current systems also fall far short of the fuel savings and emissions reductions offered by the **HP2g Skip-Fire™**.



**Intellectual Property** –US 8,991,356, US8616175, US 9915209, US 7258094, US10208682, Canada 2767645 and China ZL201080031937 – Issued Patent, HP2g and with other U.S. and International patent applications:

**Cylinder Exclusive Variable Displacement method for maximizing fuel efficiency of an internal combustion engine.**