

## **Envia Systems Wins 2009 R&D 100 Award for Electric Vehicle Battery with Highest Energy Density**

**Hayward, CA, August 24, 2009** – Envia Systems, a technology leader in high performance, low cost energy storage solutions using lithium-ion batteries today announced in partnership with Argonne National Laboratory, it is the recipient of an R&D 100 award for its lithium-ion battery for plug-in electric vehicles (PHEVs).

The lithium-ion battery developed by Envia Systems and Argonne provides the highest energy and cycle life of all lithium-ion systems available in the market today for electric vehicles. This technology will facilitate vehicle manufacturers in meeting the stringent U.S. Advanced Battery Consortium requirements for powering 40 mile range PHEVs.

“Our dedicated team of engineers and scientists has worked tirelessly to develop a better battery for electric vehicles. We are very proud and honored to have received the R&D 100 Award, a prestige that has been bestowed on some of the most influential innovations in history,” said Dr. Sujeet Kumar, CEO of Envia Systems.

According to IBM’s Report Automotive 2020, by 2020 every new vehicle will utilize some degree of battery power. Underperformance and high costs have kept lithium batteries from being adopted for use in electric vehicles.

"Electric vehicles are the future of the automotive industry, yet batteries have lagged in performance causing costs to be prohibitively high," said Dr. Khalil Amine, Senior Scientist and Manager of the Advanced Battery Technology Group at Argonne National Laboratory. "The partnership between Argonne and Envia has been very successful in developing industry leading technology for next generation vehicles that enable significant cost savings. We look forward to our continued collaboration with Envia."

Since 1963, the R&D 100 Awards have identified revolutionary technologies newly introduced to the market. Many of these have become household names, helping shape everyday life for many Americans. These include the automated teller machine (1973), the halogen lamp (1974), the fax machine (1975), the liquid crystal display (1980), the printer (1986), the Kodak Photo CD (1991), and HDTV (1998).

### **About Envia Systems**

Envia Systems is a technology leader in high performance, low cost energy storage solutions using lithium ion batteries. These systems will be utilized by manufacturers to develop Electric Vehicles and Plug-in Hybrid Electric Vehicles. The company’s patented cathode technology enables its batteries to deliver previously unattainable levels of energy capacity, safety and life. High energy density cathode materials will lower the overall cost of next generation vehicles.