



## **AMPLIFICATION TECHNOLOGIES UNVEILS BREAKTHROUGH IN HIGHLY SENSITIVE SEMICONDUCTOR PHOTON DETECTORS AND FIRST COMMERCIAL PRODUCT**

**NEW YORK – June 25, 2008** – [Amplification Technologies Inc.](http://www.amplificationtechnologies.com) (ATI, at [www.amplificationtechnologies.com](http://www.amplificationtechnologies.com)), a developer of advanced ultra-sensitive semiconductor detection technology, today announced its first commercially available product. ATI has successfully developed a Discrete Amplification Photon Detector (DAPD10C Series) designed for the detection of extremely low-level light signals. The DAPD10C Series is one of a next generation of solid-state photomultipliers being developed by ATI that are expected to replace vacuum tube-based photodetectors in critical medical imaging, biomedical, industrial, and research applications.

Photodetectors based on the company's Discrete Amplification (DA) technology will be targeted for various existing markets and applications and are expected to also open up new areas that are currently constrained by the limitations of vacuum tube-based photodetectors. The technology allows a level of application-specific customization and performance optimization not possible using traditional photomultiplier tube (PMT) vacuum tube technology or conventional arrays of Geiger-mode Avalanche Photodiode (APDs) such as Silicon photomultipliers (SiPMs). ATI's technology is flexible, and designed and patented to encompass detection of signals other than light. It could in principle be used to create new capabilities in sensing biological, chemical, and electrical signals.

"We are confident that the performance advantages of the DAPD10C Series will serve as a benchmark in photon detection, transcending current applications and replacing vacuum tube technology," said Jack N. Mayer, Executive Chairman of Amplification Technologies. "The breakthroughs reached with the DAPD10C Series are expected to provide significant advantages in scientific and medical applications."

ATI's DAPD10C Series photodetectors are capable of wide spectral response from ultraviolet to near-infrared wavelengths, with the ability to detect single photons and have an unusually flat spectral curve between 300 and 600 nanometers. The DAPD10C Series offers high photon detection efficiency and time parameters. These characteristics make ATI's DAPD10C Series suitable for diverse applications and markets.

An important advantage of the discrete amplification technology is its good voltage and thermal stability. It will enable the development of large detector arrays using a single power source, with array elements having only minor variations of basic parameters at the same voltage.

## **About Amplification Technologies Inc.**

Based in New York, Amplification Technologies (ATI) seeks to transform the field of low-level signal detection. The company's patented platform semiconductor technology has the potential to offer unparalleled and far-reaching benefits to industries such as medical diagnostics, drug development, scientific instrumentation and homeland security. The technology has been successfully used to develop extremely sensitive detectors of low levels of light. The company believes its detectors will be used in many existing applications as well as open up new markets. ATI's technology is designed and patented to encompass detection of signals other than light and could in principle be used to create new capabilities in sensing biological, chemical, and electrical signals. ATI has entered into a merger agreement with PowerSafe Technology Corp. (PWSF.OB)

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

## **About PowerSafe Technology Corp. (PWSF.OB)**

PowerSafe Technology is focused on completing its merger with Amplification Technologies and developing Amplification's extremely sensitive patented photodetector technology. The technology has significant performance and cost advantages over traditional technology and is positioned as the next generation solid state technology for low level light detection.

For comprehensive information on Powersafe Technology Corp., including the [8-K](#) filed on April 4, 2008 announcing their transaction with Amplification Technologies, please visit the SEC's [Web site](#) containing our public filings.

For the actual agreement between PowerSafe Technology and Amplification Technologies, including the information about Amplification Technologies, which was filed as Exhibit D to the Merger Agreement, please click [here](#).

## **Forward-Looking Statements**

This release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. All forward-looking statements are inherently uncertain as they are based on current expectations and assumptions concerning future events or future performance of PowerSafe and Amplification. Readers are cautioned not to place undue reliance on these forward-looking statements, which are only predictions and speak only as of the date hereof. In evaluating such statements, prospective investors should review carefully various risks and uncertainties inherent herein and set forth in PowerSafe's SEC filings and such other matters as are contained therein. These risks and uncertainties could cause actual results to differ materially from those indicated in the forward-looking statements.