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FOR IMMEDIATE RELEASE

Inspired Energy Adds Smart Chargers To Their Rapidly Expanding Smart Battery Portfolio

Alachua FL (May 3rd 2003) - Inspired Energy, Inc. today responded to customer demand by introducing the CH5000A desktop smart charger / calibrator.

Designed to operate with SMBus / Smart Battery System (SBS) compliant NiMH and Li Ion smart batteries, the CH5000A is capable of charging every battery in the Inspired Energy® Range – from their smallest 23Wh to their largest 95Wh smart packs.

The CH5000A is chemistry and voltage independent – it can charge and calibrate all Inspired Energy® Nickel Metal Hydride and Lithium ion battery packs ranging in voltage from 3.6V to 14.4V.

As battery packs age, their electronic fuel gauges can drift and become inaccurate, requiring periodic recalibration. The CH5000A is unique in the industry – upon inserting the battery it automatically informs the user if calibration is required. This eliminates unnecessary calibration cycles and allows the user to choose between a regular recharge, or a calibration cycle.

Another unique feature of this charger is that its design allows it to fit all the different standard smart battery sizes - chargers currently on the market require different models to be purchased in order to handle each of the different battery sizes and shapes.

The CH5000A comes with a North American mains cord, and a 110-240V AC to 24V DC power supply. A version with a medical grade power supply (CH5000AM) meeting UL2601 -1,



CSA22.2 No. 601, and EN60601-1, is available upon request. Versions are also available with mains cords for the UK and European markets (CH5000U and CH5000E)

“The introduction of the CH5000A charger is our response to growing customer demand for this type of device.” Said Lex Jacobs – Managing Director. *“We have a long-established history of building SMBus and SBS-compliant batteries and circuit boards. It was a natural expansion of our core competencies for us to also provide the other half of the rechargeable system.”*

The CH5000A is capable of charging and calibrating all 26 Inspired Energy® standard, smart batteries and custom hybrid variants. For a full list of compatible battery packs, please visit www.inspired-energy.com.

Upon insertion of the battery, the charger and battery communicate via the SMBus. The battery identifies itself and requests an appropriate charge. Charging then begins automatically with no further user input necessary. If the battery requires recalibration, it tells the charger, which in turn informs the user by flashing an LED. The user can then choose to recalibrate the fuel gauge by pressing the button on the front of the CH5000A, or can opt to calibrate at a later time and carry out a recharge instead.





About Inspired Energy, Inc.

Inspired Energy, Inc. specializes in the creation of battery packs with built-in electronic intelligence; providing battery monitoring, highly accurate & precise fuel gauging, battery diagnostics and battery-to-host communications. In addition Inspired Energy® designs and manufactures smart chargers and offers contract design and assembly services.

Clients can pick from a portfolio of existing batteries, or commission a pure custom pack or choose a customized version of a pre-existing battery in order to combine the best of low-cost standard designs with tailored electronic solutions.

Drawing on more than 50 years combined battery technology experience, the management group, is also uniquely positioned to assist in the design & commercialization of fuel cell / battery hybrid systems providing the capability for the smart battery and fuel cell to communicate directly, ensuring optimum performance of the hybrid system.

For more details, please contact:

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