

## Intepro's Modular EV/HEV Battery Test System Utilizes Regenerative Technology to Achieve Exceptional Energy Recovery

*Benchtop Procyon Battery Test System designed for rechargeable electro mobility battery packs; PowerStar software facilitates battery charge and drive profiles; system scalable from 5 kW to 480 kW*



Tustin, CA— October 23, 2018— [Intepro Systems](http://www.inteproate.com) announces its advanced benchtop/rack mount Procyon Battery Test System for engineering design and production testing of high-performance electro mobility battery packs. The Procyon Battery Test System utilizes Intepro's innovative bi-directional charge/discharge regenerative power stage that returns over 93 percent of the power back to the AC mains, lowering operating costs, reducing system size and eliminating/reducing external cooling requirements.

The system utilizes Intepro's "fill-in-the blanks" PowerStar Test Sequencer software to facilitate test setup and operation. PowerStar offers *Programming without Coding™* that allows users to define the charge and drive profiles unique to their vehicles or to a particular standard. Internal resistance measurements and cell balancing can be performed as required.

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The space-saving design offers a scalable solution for battery packs from 5 kW to 480 kW, with voltages from 40V to 1,500V and discharge currents up to 8,000 A. The modular, building block approach allows the system to be expanded, upgraded or repurposed for new vehicles, batteries and changing test standards. Standard battery tests include: battery balance, battery charge/discharge, battery parameters, drive simulation and internal resistance.

"Recovering the energy in the battery charge/discharge cycle utilizing our systems' regenerative stage dramatically reduces energy costs," said Gerard Sheehan, Intepro's Chief Technical Officer. "It also eliminates the installation and operational costs for air- or water-cooled loads to dissipate all that energy."

For more information about this product, please download the [Procyon Battery Test System Data Sheet](#) or visit the Intepro Systems website at: <https://www.inteproate.com/ate-test-systems/battery-test-systems/>

**Price: starting at \$20,000 (based on power rating)**

**Availability: 12 weeks**

### About Intepro Systems

Intepro Systems instrumentation and systems test and validate power supply systems and components used in aerospace, military, telecommunications, and other power electronics applications. Leaders in power supply testing; the company has a global reach with direct sales offices in the U.K., Ireland, China and the USA, and distributors covering the rest of the world

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