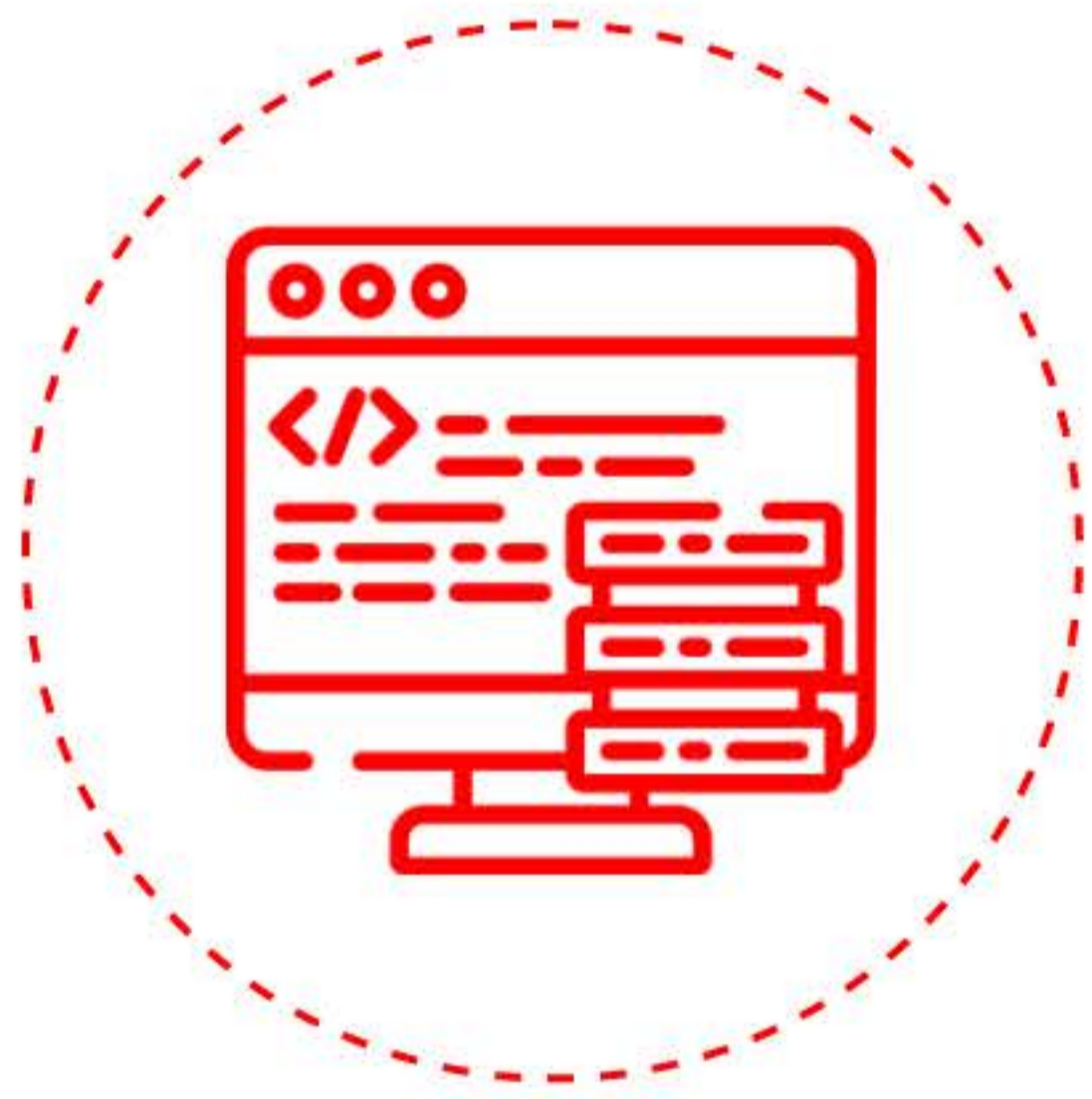# ECU8TR™
BATTERY POINT TESTER

BATTERY FACTORY END OF LINE TESTER

ECU8TR™ is a cutting-edge tester crafted for the verification of cell monitor operations within battery modules or packs.

With its intuitive design, ECU8TR™ seamlessly integrates into manufacturing workflows, providing real-time monitoring capabilities that empower manufacturers to make informed decisions and detect/resolve potential issues at various production stages.

KEY BENEFITS

PURPOSEFUL DESIGN

Tailored for verifying cell monitor operations within battery modules and packs, ensuring precision and reliability.

PROACTIVE QUALITY MANAGEMENT

Early-stage detection and resolution of potential issues, minimizing costly production failures and mitigating the need for expensive warranty repairs.

CRITICAL PARAMETER INSIGHT

Provides detailed insights into essential parameters like cell voltage and temperature.

NEUTRON
CONTROLS

1145 Innovation Drive, Suite 101,
Ottawa, Ontario, Canada K2K 3G6

www.neutroncontrols.com
sales@neutroncontrols.com

ECU8TR
BATTERY POINT TESTER

FEATURES

EXTENSIVE COMPATIBILITY with cell monitor/supervisor/AFE ICs from major vendors, including Infineon, Analog Devices, Texas Instruments, and NXP.
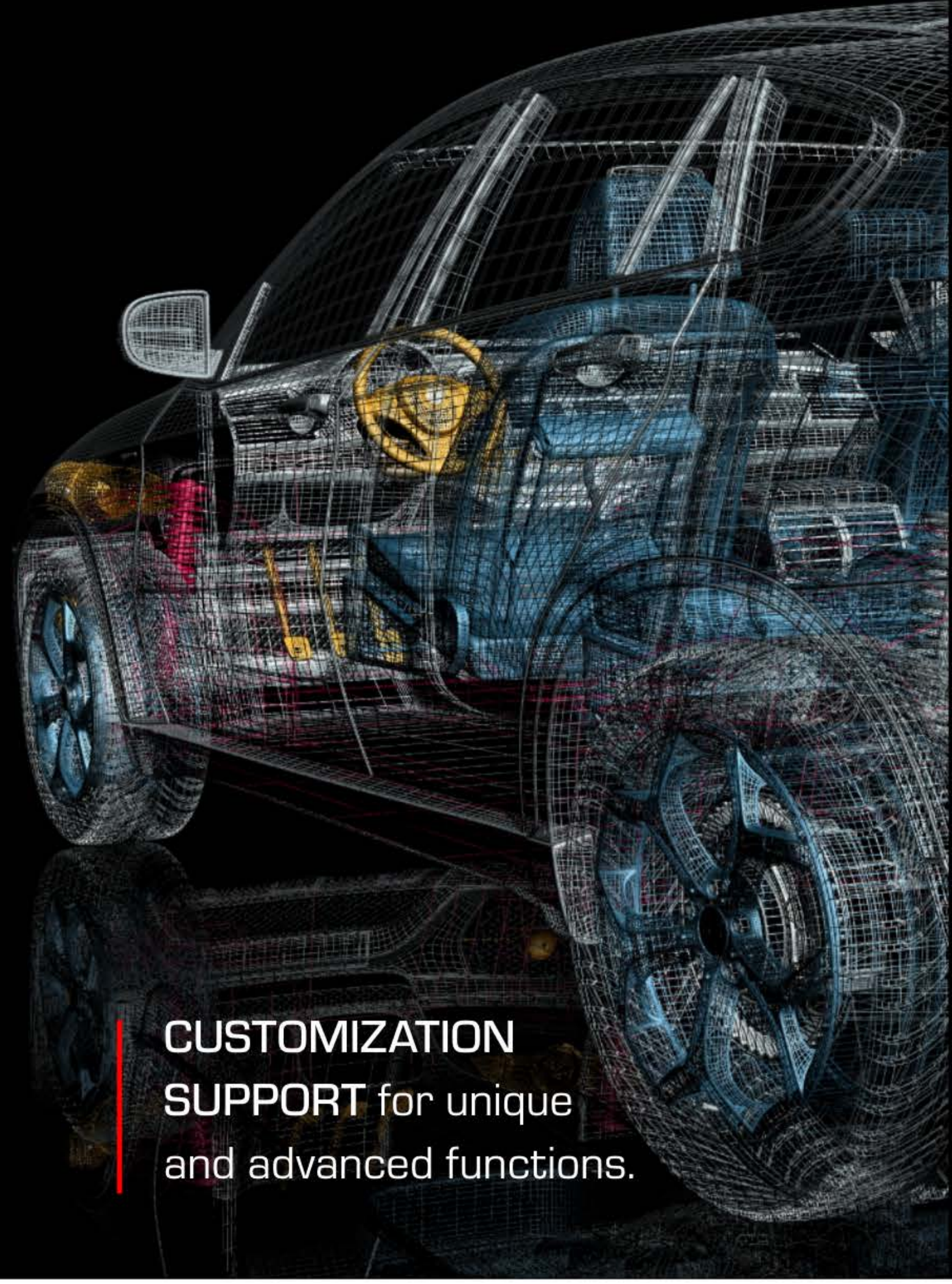
INTUITIVE AND INSIGHTFUL MONITORING of cell parameters with versatile data analysis and data display options.

FLEXIBLE HOST COMMUNICATION OPTIONS with dual network support via ethernet and CANbus.

COMPREHENSIVE READ AND CONTROL OF CELL PARAMETERS within assembled modules or packs, covering critical aspects such as cell voltage, cell temperature, and charge balancing.

ASSESS INTEGRITY OF INTERCONNECTED CELL MONITORS within battery modules or packs, facilitated by support for iso SPI and iso UART protocols tailored for cell monitor ring topologies.

CUSTOMIZATION SUPPORT for unique and advanced functions.

SPECIFICATIONS

DIMENSIONS	Standard 1U Chassis size 8.000" L x 16.600" W x 1.750" H 203.20mm x 421.64mm x 44.45mm
SAFETY CERTIFICATIONS	UL 61010
POWER	12V 36 W AC/DC External Desktop (Class I) Adapter International, 90 ~ 264 VAC
INTERFACES	iso SPI and iso UART analog frontend communications options via circular connectors Ethernet network interface – 10/100 baseT CAN FD interface via 9-pin Dsub connector 12V power input via barrel jack
INDICATORS	Large LED indicator to display test modes and test results

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