



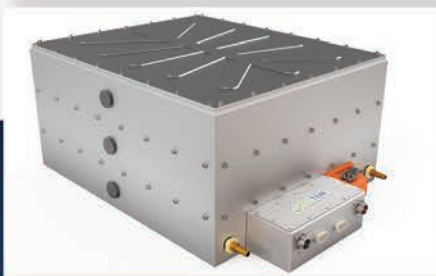
ECOTIUM

ONE PLATFORM MANY APPLICATIONS

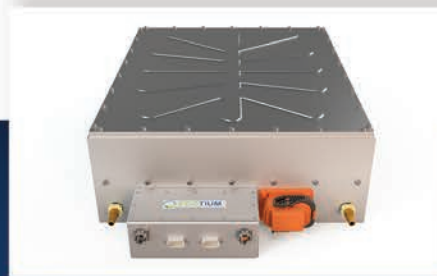
ELEVATE YOUR NEXT ELECTRIFICATION PROJECT WITH THE NEW ECOTIUM BATTERY SYSTEM DESIGNED AND MANUFACTURED IN NORTH AMERICA

ECOTIUM BATTERY SYSTEM INNOVATIVE FEATURES INCLUDES

- OUR BUILDING BLOCK ARCHITECTURE FOR PACK LEVEL MODULARITY
- OUR INNOVATIVE BATTERY SYSTEM CONTROLLER (BSC) TECHNOLOGY
- WITH A SAFE, COST-EFFECTIVE AND SCALABLE DESIGN WITHOUT COMPROMISE ON PERFORMANCE



| BOXED



| RECTANGULAR



| LOW PROFILE

AVAILABLE IN MANY FORM FACTORS WITH

- 100 TO 1000 VDC
- 10 TO 170 KWH PER PACK
- UP TO 185WH/KG
- UP TO 300 WH/L
- UP TO 3C/4C PEAK CHARGE/DISCHARGE





ECOTIUM
ONE PLATFORM MANY APPLICATIONS

INNOVATIVE FEATURES

GREEN

- 20 years long life cycle designed ready for pack second life
- North America sourced and manufactured.
- Ease of recycling at end of life
- Lowest total cost of ownership \$

PERFORMANT

- Game Changing Battery System Controller BSC
- Building block architecture to fit your requirements.
- Cell agnostic NMC & LFP
- High Performance Liquid Cooling/heating

RELIABLE

- Lowest component count FOR high reliability
- Ingress protection IP67
- Easy maintenance with low voltage access panel
- Robust & light weight Aluminium Enclosure

SAFE

- Safe operation window (fault detection)
- Individual cells monitoring
- Fire retardant Safety (5 min)
- Dual stages Pressure valves
- UN 38.3, UL2580 (2025)

DESIGNED FOR MANY VEHICLES TYPES



OFF-ROAD



LOW SPEED



COMMERCIAL

GENERAL SPECIFICATIONS

PERFORMANCE

Gravimetric Energy DensityUp to 185 Wh/kg
Volumetric Energy DensityUp to 300 Wh/L
Life Cycle.....Up to 4000 cycles

CONFIGURATION

Nominal Voltages Range100V to 1000V
Energy Range.....10 kWh to 1000 kWh
Cell ChemistryNMC & LFP

ELECTRICAL

Nom./Pulse Charge CurrentUp to 2C
Nom./Peak Discharge Current.....Up to 4C
Isolation2500VDC

MECHANICAL

Height133 mm to 400 mm
Width685 mm
Length820 mm to 1694 mm

ENVIRONMENTAL

Ambient Temperature Range-30°C to +55°C
Ingress Protection LevelIP67

FOR MANY APPLICATIONS

HYDRAULIC REPLACEMENT (EPTO)



ON BOARD AUXILIARY POWER



ELECTRICAL CONVERSION KITS



OEM VEHICLE PROPULSION

