

DELLORTO

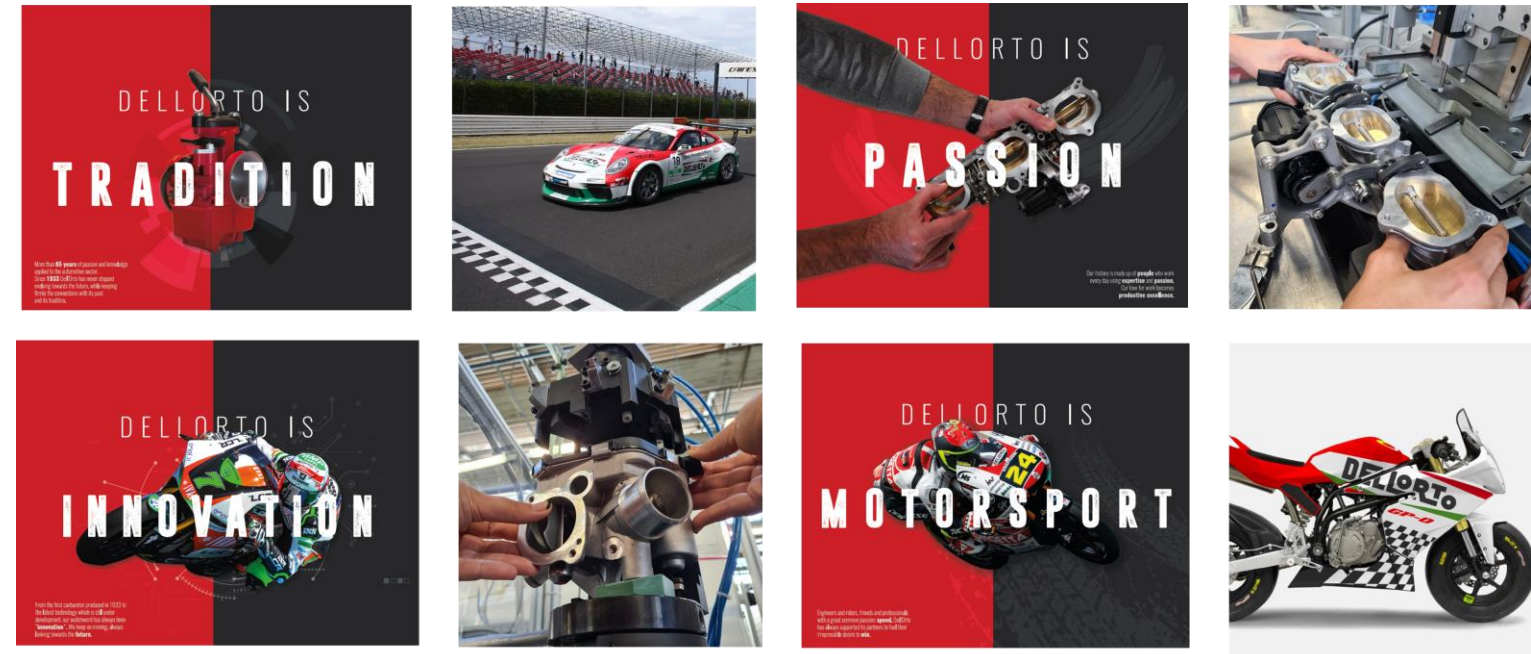


BATTERIES & LOW VOLTAGE Product Range

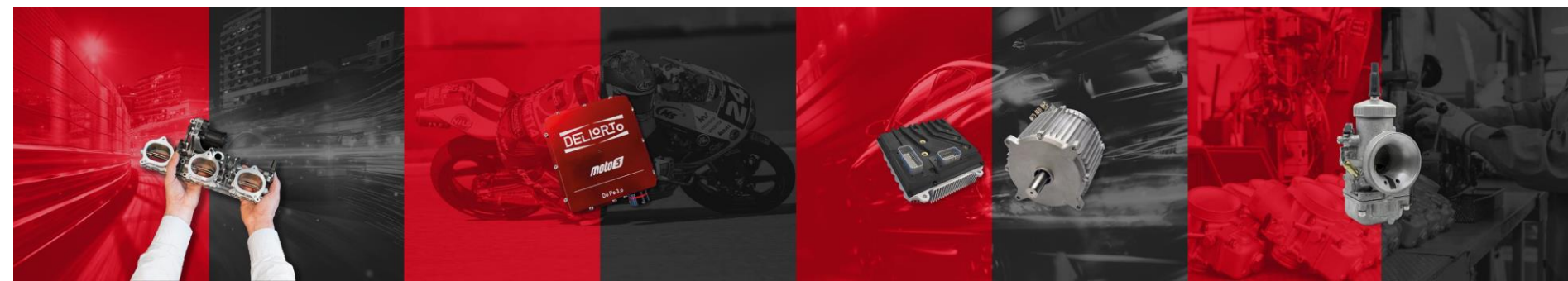


1933 · 2023

Dell'Orto was founded in 1933 and in 2023 celebrates 90 years of successes



Our values drive us in competing into four business sectors

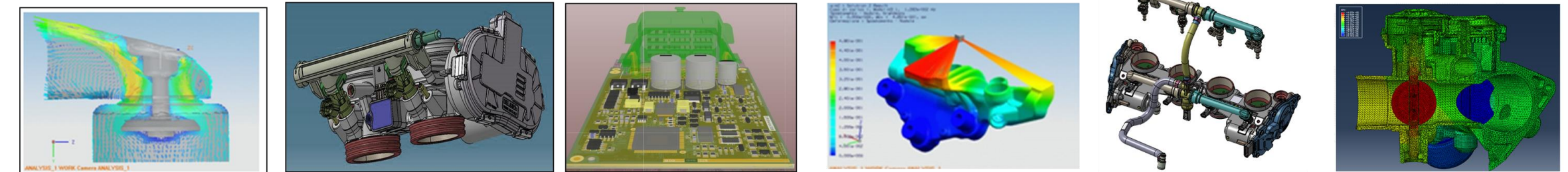


AUTOMOTIVE TWO WHEELERS & RECREATIONAL ELECTIRC POWERTRAIN AFTER MARKET



Dell'Orto stays close to its customers

Dell'Orto has a **strong Product multidisciplinary Design Expertise** Mechanics, Fluid-dynamic, Thermo-dynamic, Electronic Hardware and Firmware, Power Electronic.



Testing and Validation capabilities and Know-how - TUV certified -



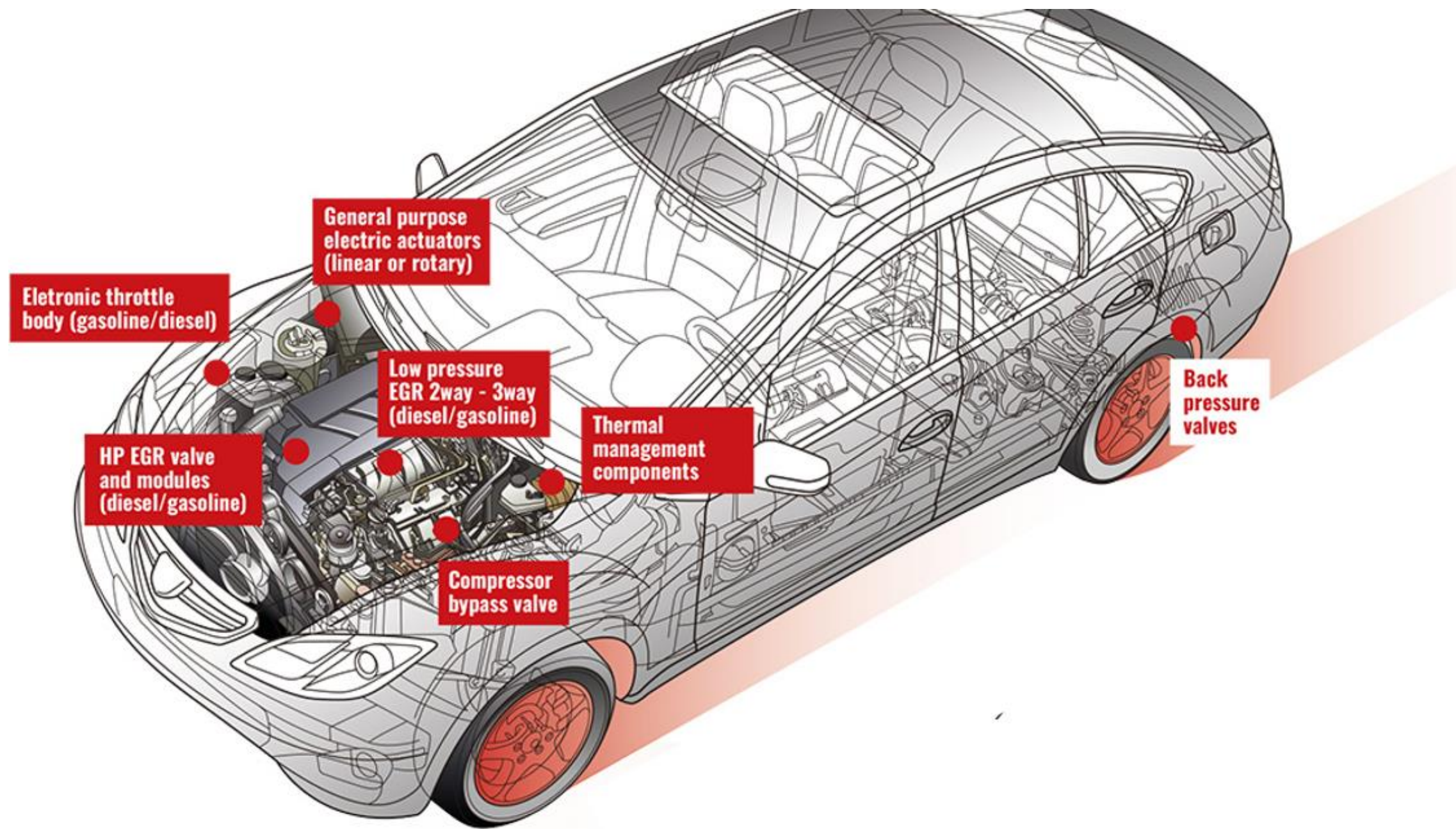
Our **Innovation and R&D** is contiguously evolving our **Product Range Offering**



Dell'Orto manufacturing sites work according to **state of the art Automotive Grade processes**



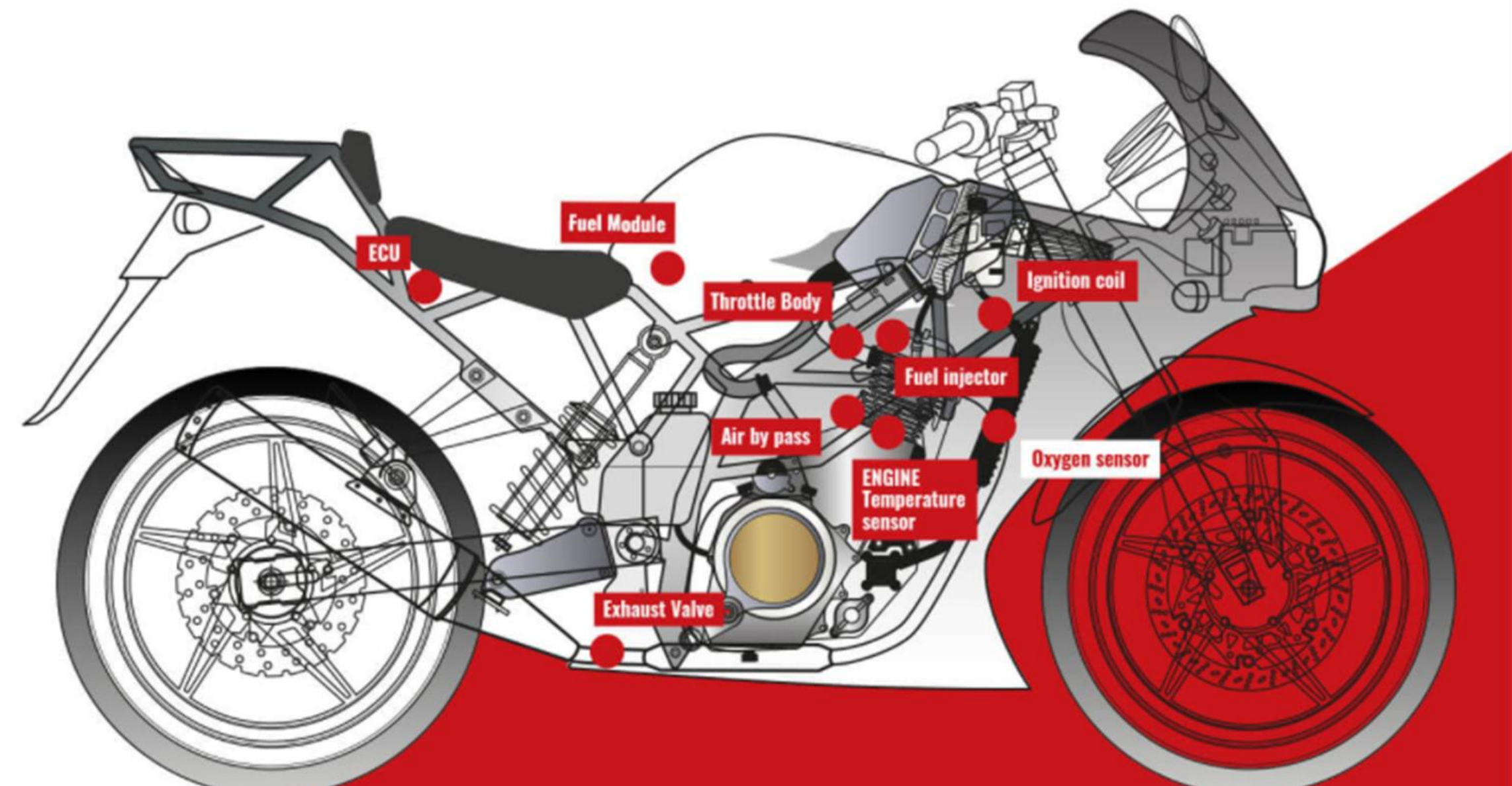
AUTOMOTIVE



DELL'ORTO IS A TIER 1 COMPONENT SUPPLIER

Especially re-known for **high reliability** of **mechatronic components** into Inlet and Outlet Air Management

2 WHEELERS & RECREATIONAL



DELL'ORTO IS A SYSTEM INTEGRATOR

Market leader in **Electronic Injection Systems** and **Fuel Module Supply**

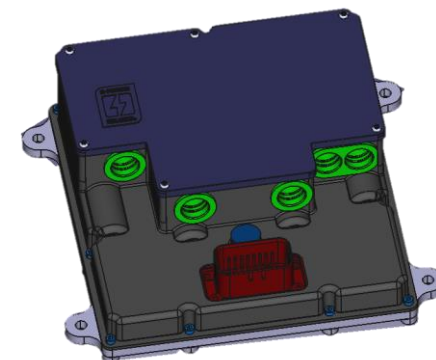
**ALL IN ONE
Vehicle Control Unit
INVERTER
DC- DC**

100% under DELLORTO know how

From 2kw to 15kw
Air Cooled



VID 165



VID 250



VID 360

STANDS OUT
for **compactness** and **easiness of application** and **range availability**

**ALL IN ONE
Vehicle Control Unit
INVERTER
DC- DC
Battery**

100% under DELLORTO know how

From 250Wh up to 750 Wh - 21700 cells



13S2P

13S3P

STANDS OUT
for **compactness** and **easiness of application** and **range availability**

E.MOTOR

From 2,5kW to 9 kW
Air cooled



3-3,5 kW
SPM



6,5-9 kW
IPM



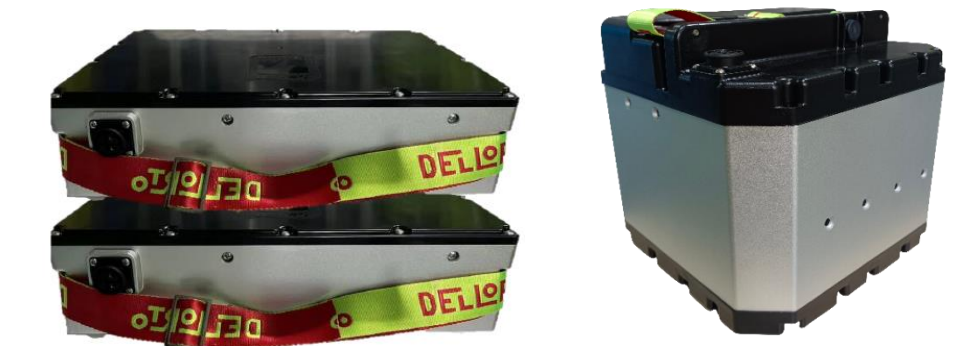
9-13 kW
IPM

STANDS OUT
for **range availability** and **gear ratio customization ability**

BATTERIES

100% under DELLORTO know how

2 kWh - NCM Cells



STANDS OUT
for providing **High Safety Standards**
BMS ability to **increase Battery's Life and Durability**
Swappable and Stackable package design
Compactness

ARE DESIGNED AND MANUFACTURED BY DELL'ORTO

BATTERIES FOR TRACTION

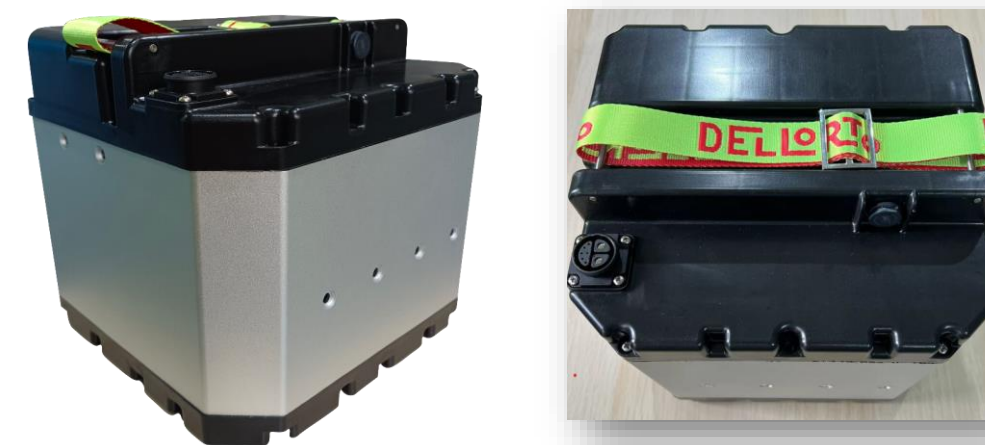
Nominal Voltage / Capacity – 50,4 V / 40 Ah
 Energy density > 175 Wh/kg – 275Wh/liter
 Cell type 21700 NMC Lithium-Nickel-Manganese-Cobalt-Oxide (LiNiMnCoO2)
 BMS integrated
 BMS can manage battery parallel up to 8 packs
 Aluminium case, IP 67
 Communication protocol – CAN

Swappable and Stackable



Energy – 2.016 Wh
 Weight – 11,8kg
 Size – 240 X 348 X 88

Compact Design



Energy – 2.268 Wh
 Weight – 12,1 kg
 Size – 221 X 197 X 195

STARTER BATTERIES

Voltage 8.5V or 12.8 V or 14,55V
 Capacity 10Ah or 12 Ah
 Cell type Lifepo



Dell'Orto batteries **stand out** for:

- being **designed** according to **State of the Art solutions** for **new Mobility**,
- being **manufactured** into Dell'Orto premises according to **automotive grade quality Standards**

L1 High Performance Pack



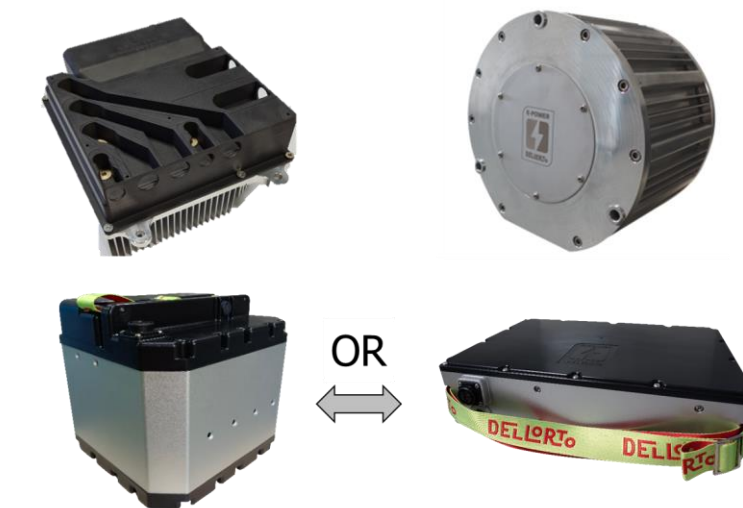
**VID165 + E.MOTOR 3,5 kW
+ battery pack 2Kwh or 2,3kWh
+ 0,9kW charger**

L3 Pack



**VID360 + E.MOTOR 6,5-9 kW
+ battery pack 2Kwh or 2,3kWh
+ 0,9kW/1,5kW charger**

L6e-L7e Pack - Light 4Wheelers



4 packs in parallel

**VID360 + E.MOTOR 6-13 kW
+ battery pack 2Kwh or 2,3kWh
+ 3,0kW charger**

DELL'ORTO IS A POWER TRAIN SYSTEM SUPPLIER

Thanks to its multi-decades experience into Motorsport and 2Wheeler & Recreational vehicles, Dell'Orto stands out for manufacturing highly effective and reliable product range