

monotracer **e**



WINNER
PROGRESSIVE
AUTOMOTIVE **X**PRIZE



“IT’S LIKE FLYING A METER FROM THE GROUND”

UNRIVALLED EFFICIENCY

The Monotracer-E is a fully electric high performance enclosed motorcycle, and now officially “the world’s most energy-efficient road-legal 2-seater”, the winner of the 2010 X-Prize.

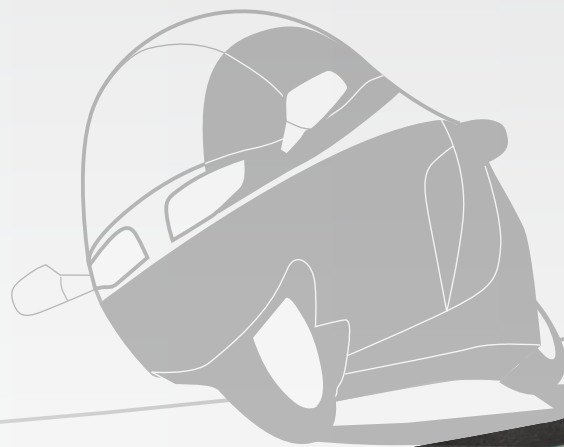
Every year about 70 million cars and 40 million motorcycles are made, and there’s nothing much in between. With the Monotracer-E you can have the safety, comfort, weather protection and practicality of a 2-seater sportscar combined with the riding dynamics, the fun and the low running costs of a sportsbike.



WINNER

PROGRESSIVE
AUTOMOTIVE

XPRIZE



PROVING GROUNDS
IN THE SWISS ALPS

HANDCRAFTED LIKE A SWISS WATCH

PROVEN FOR 30 YEARS

Peraves AG is the only company in the world that has dedicated the last 30 years entirely to the fully enclosed safety cabin motorcycle. The company has built 140 customer vehicles which have safely covered over 6 million miles in 25 years.

1982



1983



1985



1991



1996



1999



2003





2006



2009



2010



2011



2012



2012





100% ELECTRIC PERFORMANCE

SPECIFICATIONS

- Top speed: 150 mph. Power load at top speed is less than 60kW (40%)
- Acceleration: 0-62 mph in less than 5 sec. at 370 V voltage
- Energy consumption at 75 mph: 8 kW
- Vehicle Range: 180 miles @ 75mph (20kWh of useable battery capacity)
- Charging time to replenish 16kWh : min. 220V 16A (3.3kW) = 5 h , max. 250V 80A (20kW) = 50 minutes
- Body: Kevlar® by DuPont aramid composite monocoque
- Dimensions: L=12.1ft, W=3.9ft (with retracts 4.4ft), H=4.9ft
- Weight: 1210lbs empty
- Electric drivetrain: AC Propulsion Gen3 150 kW (200 hp) induction motor
- 100A DC/DC converter from a 411.6 V lithium-polymer traction battery
- Front wheel setup: Marzocchi 50 mm USD fork, Öhlins steering damper and double radial Brembo 4-pot calipers on twin 320mm disks.
- Rear wheel setup: ABS brake system combined with electric re-gen braking up to 60 kW. Separate rear hydraulic brakes and fully adjustable Öhlins shocks.

The Monotracer-E is also equipped with leather interior, 4.6 cubic ft. luggage compartment, Oxygen iPhone-Radio, ventilation system and heaters.
Options available: Bi-Xenon headlights, Air-Conditioning, special colours & leathers and customising

Base price ex factory excl. VAT: US \$104,320.00





monotracer

Peraves AG - www.monotracer.com - sales@monotracer.com
Uster West 52, CH-8610 Uster, Switzerland - Tel. +41 79 211 11 77