



ENERGICA

TECHNICAL SPECIFICATIONS OF THE MOTORCYCLE

EXPERIA

COLOR	Bormio Ice
ENGINE	Permanent Magnet Assisted Synchronous Reluctance Motor (PMASynRM)
ENGINE DC VOLTAGE	306V nominal
EFFICIENCY PEAK	96%
POWER KW/HP	Continuous: 60kW/80Hp at 7000 rpm - Peak: 75kW/102Hp at 7500 rpm
TORQUE	115 Nm / 85 ft lb. - 900 Nm / 664 ft lb. at wheel
TOP SPEED	Limited at 180 km/h (112 mph)
ACCELERATION	0-100 km/h (0-60 mph): 3.5 sec
CRUISE CONTROL	Cruise control system that uses the electronic brake to maintain speed and increase braking energy
TRACTION CONTROL	Six levels of intervention combined with the existing eABS and the Cornering Bosch 9.3 MP
RIDING MODES	7 Profiles: Energica 1-4 (Factory preset), Custom 1-3 (Customizable) 4 Riding Modes: Eco, Urban, Rain, Sport 4 Regenerative Modes: High, Medium, Low, Off
RANGE	City: 420 km (261 miles) Combined: 256 km (160 miles) Extra-Urban: 208 km (130 miles) WMTC: 222 km (138 miles)
PARK ASSISTANT	Forward and Reverse (Slow speed)
BATTERY	Maximum Capacity 22.5 kWh / Nominal Capacity 19.6 kWh - lithium polymer - Life 1200 Cycles @ 80% Capacity (100% DOD)
RECHARGE	Fast Charge DCFC Level 3 Mode 4: 400 km/h o 6,7 km/min (248 miles/h o 4 miles/min) Slow Charge Level 2 Mode 2 or 3: 63,5 km/h (39,5 miles/h)
BATTERY CHARGER	Onboard, 3kW 90-264Vac 50/60Hz [1kW 90-177Vac range]. Conforms to Standards SAE J1772 and IEC 62196-2 with pilot signal for charging station interface
LPR FUNCTION	Long Period Rest: allows the maintenance and automatic balancing of the batteries during long period of non-use
CHARGE INTERRUPTION	AC and DC up to requested State Of Charge, AC and DC CCS charge completion with balancing, CHAdeMO 95% (depending on environmental conditions). The user can configure this function through the dashboard
DASHBOARD	5" IPS 1000 nits bonded 848x480 TFT Color Display
VEHICLE CONTROL UNIT	Dual Microcontroller ARM Based

ENERGICA MOTOR COMPANY S.p.A.

www.energicamotor.com

Sede Legale/Legal Headquarter

Via Cesare della Chiesa, 150 - 41126 Modena (MO), ITALY

Sede Operativa/Operative Headquarter

Via Scarlatti, 20 - 41019 Soliera (MO), ITALY

C.F./ P.IVA 03592550366 (VAT number)

Capitale sociale/Company's Capital € 306.409,82 i.v





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FRONT & REAR WHEEL	Cast Aluminum: front 3.5" x 17" / rear 5.5" x 17"
TYRE	Pirelli Scorpion Trail II (120/70-17 Ant/ 180/55-17 Post)
FRAME	Front Steel Tubular Trellis / Aluminum side plates
SWINGARM	Cast Aluminum
FRONT SUSPENSION	ZF Sachs - Ø43 mm, 150mm travel, adjustable preload, extension and compression
REAR MONO	ZF Sachs - 55mm travel, 150mm wheel travel, adjustable extension and preload
CHAIN	Regina, (16/52) 520 O-Ring Chain
FRONT BRAKE	Brembo, Double Floating Discs, Ø330 mm, 4 Pistons Radial Caliper
REAR BRAKE	Brembo, Single Disc, Ø240 mm, 2 Pistons Caliper
ABS	Cornering Bosch 9.3 MP
DIMENSIONS	1461mm / 57,5" HEIGHT 847mm / 33,3" SEAT HEIGHT 867mm / 34,1" WIDTH (mirrors not included) 2132mm / 83,9" LENGTH 1513mm / 59,5" WHEELBASE
WEIGHT	260 kg - 573 lbs
WARRANTY	2 years on vehicle - 3 years / 50.000 km (31.000 miles) on battery*

This data sheet is provided for reference only.

Energica Motor Company reserves the right to substitute or change components.

Technical features under development may change or be implemented after vehicle purchasing with no additional costs.

*Starting from the date of the motorcycle's first registration.

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