



ENERGICA

TECHNICAL SPECIFICATIONS OF THE EXPERIA 2023

COLOR	Metal Black, Flame White, Bormio Ice
ENGINE	Permanent Magnets Assisted Synchronous Reluctance Motor (PMASynRM). Liquid-Cooled 3-Phase with Adaptive Control Inverter
ENGINE DC VOLTAGE	306V nominal
POWER KW/HP	Continuous: 60kW/80Hp at 7000 rpm – Peak: 75kW/102Hp at 7500 rpm
TORQUE	115 Nm / 85 lb. ft - 900 Nm / 664 lb. ft 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 Cornering Bosch 9.3 MP
RIDING MODES	Seven Profiles: Energica 1-4 (Factory preset), Custom 1-3 (Customizable) Four Riding Modes: Eco, Urban, Rain, Sport Four 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 ASSIST MODE	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	COBO, 5" IPS 1000 high resolution nits bonded 848x480 TFT Color Display; 10 Warning Lights with colored LEDs and icons; Ambient Light Sensor; Real Time Clock.
VEHICLE CONTROL UNIT	Dual Microcontroller ARM Based which implements a multi-map adaptive energy and power management algorithm that manages the vehicle. It constantly monitors batteries, even in key off position.
FRONT & REAR WHEEL	Cast Aluminum: front 3.5" x 17" / rear 5.5" x 17"
TYRES	Pirelli Scorpion Trail II (120/70-17 Ant/ 180/55-17 Post)
FRAME	Front Steel Tubular Trellis / Aluminum side plates
SWINGARM	Cast Aluminum

ENERGICA MOTOR COMPANY S.p.A.

www.energicamotor.com

Legal and Operative Headquarter

Via Scarlatti, 20 – 41019 Soliera (MO), ITALY
C.F./ P.IVA 03592550366 (IT VAT number)
Capitale sociale/Company's Capital i.v. €318.424,14



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FRONT SUSPENSION	ZF Sachs - Ø43 mm, 150mm travel, adjustable preload, extension and compression
REAR MONO	ZF Sachs - Ø55mm, 150mm wheel travel, adjustable extension and preload
FINAL TRANSMISSION	Chain
FRONT BRAKE	Brembo, Double Floating Discs, Ø330 mm, Quad Pistons Radial Caliper
REAR BRAKE	Brembo, Single Disc, Ø240 mm, Dual Pistons Caliper
ABS	Cornering Bosch 9.3 MP
DIMENSIONS	HEIGHT 1461mm / 57,5" (mirrors not included) SEAT HEIGHT 847mm / 33,3" WIDTH 867mm / 34,1" LENGTH 2132mm / 83,9" WHEELBASE 1513mm / 59,5"
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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