



# ENERGICA

## TECHNICAL SPECIFICATIONS OF THE EVA RIBELLE 2023

<b>COLOR</b>	Rosso Corsa, Stealth Grey, Tricolore
<b>ENGINE</b>	Permanent magnets assisted synchronous reluctance motor, HSM ( <b>Hybrid Synchronous Motor</b> ) Liquid-Cooled 3-Phase with Adaptive Control Inverter
<b>ENGINE DC VOLTAGE</b>	300 V
<b>POWER KW/HP</b>	Sustained: 110kW/149Hp at 8500 rpm - Peak: 126kW/171Hp at 8500 rpm
<b>TORQUE</b>	222 Nm / 164 lb. ft - 1187 Nm / 875 lb. ft at wheel
<b>TOP SPEED</b>	Limited at 200 km/h - 125 mph
<b>ACCELERATION</b>	0-100 km/h (0-60 mph): 2.8 sec
<b>CRUISE CONTROL</b>	Cruise control system that uses the electronic brake to maintain speed and increase braking energy
<b>TRACTION CONTROL</b>	Six levels of intervention combined with the existing eABS and the Bosch ABS
<b>RIDING MODES</b>	Four Riding Modes: Urban, Eco, Wet, Sport Four Regenerative Modes: High, Medium, Low, Off
<b>RANGE</b>	City: 420 km (261 miles) Combined: 256 km (160 miles) Extra-Urban: 208 km (130 miles)
<b>PARK ASSIST MODE</b>	Forward and Reverse (Slow speed)
<b>BATTERY</b>	Maximum Capacity 21.5 kWh / Nominal Capacity 18.9 kWh - lithium polymer - Life 1200 Cycles @ 80% Capacity (100% DOD)
<b>RECHARGE</b>	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)
<b>BATTERY CHARGER</b>	Onboard, [110-230]V [50-60]Hz, 3,3 kW. Conforms to Standards SAE J1772 and IEC 62196-2 with pilot signal for charging station interface
<b>LPR FUNCTION</b>	Long Period Rest: allows the maintenance and automatic balancing of the batteries during long period of non-use
<b>CHARGE INTERRUPTION</b>	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.
<b>DASHBOARD</b>	Cobo, 4.3" WQVGA 480x272 TFT 16.7 million colors Display; 9 Warning Lights; 6 + 6 Current Consumption Lights; Ambient Light Sensor; Real Time Clock.
<b>VEHICLE CONTROL UNIT</b>	The vehicle is controlled by the VCU, which implements a multi-map adaptive energy and power management algorithm that manages the vehicle. It constantly monitors batteries, even in key off position.
<b>FRONT &amp; REAR WHEEL</b>	Cast Aluminum: front 3.5" x 17" / rear 5.5" x 17"
<b>TYRES</b>	Pirelli Diablo Rosso III - front 120/70 ZR17 / rear 180/55 ZR17
<b>FRAME</b>	Steel Tubular Trellis
<b>SWINGARM</b>	Cast Aluminum
<b>FRONT SUSPENSION</b>	Italian-made, Front Marzocchi 43mm, adjustable rebound, spring preload and compression damping; travel 110mm (4.33 in.)

**ENERGICA MOTOR COMPANY S.p.A.**

[www.energicamotor.com](http://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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<b>REAR MONO</b>	Rear Bitubo mono shock adjustable rebound, spring preload; side mounted; travel 165mm (6.5 in.)
<b>FINAL TRANSMISSION</b>	Chain
<b>FRONT BRAKE</b>	Brembo, Double Floating Discs, Ø330 mm, Quad Pistons Radial Caliper
<b>REAR BRAKE</b>	Brembo, Single Disc, Ø240 mm, Dual Pistons Caliper
<b>ABS</b>	Bosch Switchable
<b>DIMENSIONS</b>	HEIGHT 1152 mm / 45,35" (mirrors not included) SEAT HEIGHT 790 mm / 31,1" WIDTH 870 mm / 34,25" LENGTH 2140 mm / 84,2" WHEELBASE 1465 mm / 57,7"
<b>WEIGHT</b>	260 kg - 573 lbs
<b>WARRANTY</b>	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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