



ENERGICA

TECHNICAL SPECIFICATIONS OF THE ESSEESSE9+ RS 2023

COLOR	Riviera Green, Bormio Ice, Sunrise Red
ENGINE	Permanent magnets assisted synchronous reluctance motor. HSM (Hybrid Synchronous Motor) Liquid-Cooled 3-Phase with Adaptive Control Inverter
ENGINE DC VOLTAGE	300 V
POWER KW/HP	Sustained/Peak: 80kW/109Hp at 8500 rpm
TORQUE	207 Nm / 153 lb. ft - 1107 Nm / 816 lb. ft at wheel
TOP SPEED	Limited at 200 km/h - 125 mph
ACCELERATION	0-100 km/h (0-60 mph): 2.8 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 Bosch ABS
RIDING MODES	Four Riding Modes: Urban, Eco, Wet, 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)
PARK ASSIST MODE	Forward and Reverse (Slow speed)
BATTERY	Maximum Capacity 21.5 kWh / Nominal Capacity 18.9 kWh - lithium polymer - Life 1200 Cycles @ 80% Capacity (100% DOD)
RECHARGE	Fast Charge DCFC Mode 4: 400 km/h (249 mile/hr.) or 6,7 km/min (4.2 mile/min.) Slow Charge Carica Mode 2 or 3: 63,5 km/h (39.5 mile/hr.)
BATTERY CHARGER	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
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, 4.3" WQVGA 480x272 TFT 16.7 million colors Display; 9 Warning Lights; 6 + 6 Current Consumption Lights; Ambient Light Sensor; Real Time Clock.
VEHICLE CONTROL UNIT	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. RS version implements a dedicated mapping and parameterization to highlight the high-performing and thrilling nature of Energica, developed within the racing world.
FRONT & REAR WHEEL	Cast Aluminum: front 3.5" x 17" / rear 5.5" x 17"
TYRES	Pirelli Diablo Rosso III - front 120/70 ZR17 / rear 180/55 ZR17
FRAME	Steel Tubular Trellis
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 (VAT number)

Capitale sociale/Company's Capital i.v. €318.424,14



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FRONT SUSPENSION	Marzocchi Ø43 mm, Adjustable Rebound and Compression Damping, Spring Preload
REAR MONO	Bitubo Rear Mono Shock Adjustable Rebound, Spring Preload
CHAIN	Regina, (15/44) 525 O-Ring Chain
FRONT BRAKE	Brembo, Double Floating Discs, Ø330 mm, Quad Pistons Radial Caliper
REAR BRAKE	Brembo, Single Disc, Ø240 mm, Dual Pistons Caliper
ABS	Bosch Switchable
DIMENSIONS	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"
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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