



i300 Carbon Technical Specification

Vehicle Type	
Vehicle Class	L3e - A2
Motor	
Type	Air-Cooled Interior Permanent Magnet Electric Motor (IPM)
Max. Power (Peak)	14 kW (19hp)
Continuous Power	7.2kW
Performance	
Top Speed	96 km/h (Electronically Governed)
Acceleration 0-50 km/h	2.35 s
Acceleration 0-70 km/h	4.1 s
Est. Range	60 km (ECO Mode)
Battery	
Battery Type	72V Lithium-ion; 720Wh per Battery Pack
Battery Pack	2 x Air-Cooled, Ultra Portable Lithium-ion Battery Packs
Battery Weight	6 kg Per Battery Pack
Driving Modes	
ECO	Output Capped at 4 kW
POWER	Output Capped at 11 kW
ZAPP	Output Capped at 14 kW
Transmission	
Drive	Centred Swing-Arm, Carbon Reinforced Belt Drive with 6.9:1 Single Reduction Ratio via Secondary Carbon Fiber Belt
Chassis / Suspension / Brake	
Frame	Aerospace Grade Alloy Load-Bearing Exoskeleton Over Chrome-Moly Steel Tube Underbone
Front Suspension	Upside-Down Fork Ø 31 mm
Rear Suspension	Single-Sided Swing Arm with a Direct-Link Spring Strut, Adjustable Spring Preload
Front Suspension Travel	100 mm
Rear Suspension Travel	70 mm
Wheelbase	1,397 mm

Castor / Rake	26.5°
Trail	86 mm
Head Angle / Fork Angle	80°
Wheels	Cast Aluminium
Front Wheel	3.50 x 14"
Rear Wheel	4.25 x 14"
Front Tyre	110/70 R14
Rear Tyre	140/60 R14
Front Brake	Full Floating Single 255mm Ø disc, 4-Piston Radial Mounted Caliper
Rear Brake	Single 220mm Ø disc, Dual-Piston Caliper
ABS	Dual Wheel Speed Sensor ABS Operating on Front Wheel Only
Dimensions / Weight	
Length	1935 mm
Width (inc;. Mirrors)	968 mm
Height (excl. Mirrors)	1193 mm
Sear Height, Unladen	750 mm
Unladen Weight	120 kg
Permitted Total Weight	250 kg
Carrying Capacity	1 Passengers / Max. 150 kg
Standard Warranty	24 Months
Battery Warranty	36 Months
Emission	Zero

***Note that all specifications are approximate and are subject to change without notice.**