### GENERAL
- **VEHICLE CLASSIFICATION**: L3e-A1 (Light Motorcycle)
- **DRIVER’S LICENSE**: A1 (EU)
- **CHASSIS**: Folded sheet metal by STILFOLD patented Green Technology.
- **DRIVER’S SEAT**: Adjustable solo saddle with suspension and 3D printed seat padding.
- **EXTRA PASSENGER SEAT**: Yes (optional)

### MOTOR
- **TOP SPEED**: 100+ km/h
- **MOTOR TYPE**: Top performance PMSM hub motor with integrated controller. Maintenance free, silent and safe (no chain or belt).
- **MOTOR PEAK POWER**: 11 kW (14.8 hp)

### POWER SYSTEM AND RANGE
- **VEHICLE RANGE**: ~120 km *)
- **VEHICLE CONTROL UNIT (VCU)**: STILCONTROL, a unique VCU, developed by STILRIDE. Hardware with built in connectivity interfaces.
- **SYSTEM COMMUNICATION**: CAN bus communication. Designed for future technology updates.
- **VOLTAGE (NOMINAL)**: ~50 V
- **BATTERY TYPE**: Integrated premium quality Li-ion.
- **BATTERY CAPACITY**: 5 kWh
- **BATTERY SAFETY**: Advanced battery management system (BMS) to ensure high safety and top performance.
- **OFF-BOARD CHARGER**: Included (for 110/220 VAC outlets)

### WHEELS AND TIRES
- **RIMS AND HUBS**: Lightweight STILRIDE design.
- **TIRES**: 130/70-13”

### BRAKES
- **BRAKING SYSTEM**: Top performance CBS (combined braking system) controlled by two hand levers.
- **BRAKES, FRONT AND REAR**: Single side disc brakes.
- **REGENERATIVE BRAKING**: Yes
- **BRAKING MODES**: Freewheeling or motor braking.

### SUSPENSION
- **SUSPENSION, FRONT**: USD (Upside Down) fork
- **SUSPENSION, REAR**: High performance adjustable damper, optimized multilink (rocker and pushrod) with linear travel.

### USER INTERFACES AND CONTROLS
- **RIDING MODES**: Different modes for different styles and road conditions.
- **HANDLEBAR**: Integrated controls and wiring.
- **SPEEEDOMETER**: Classic circular shape with odometer, battery level and other associated controls.
- **STILCONTROL APP**: Mobility software with rider experience functionality.
- **LOCKABLE STORAGE**: Yes (for gloves, mobile phone etc.)
- **USB OUTLET**: Yes (in lockable storage)
- **LUGGAGE RACK**: Yes (optional)

*) Target range according to the World Motorcycle Test Cycle (WMTC) stage 3 test requirements.

The technical specifications, design and performance of the product listed in this material may further undergo modifications without forewarning.