VENTARO Target vs. EM-26 Published Specification

Proposed engineering targets compared with figures listed for EM-26. Subject to validation and may change.

Specification	VENTARO target	EM-26 published specification	VENTARO edge
Motor peak power	12 kW mid-drive brushless motor target; final format to be confirmed	72V 8.5 kW intermediate brushless motor	41% higher target peak power
Rated power	6 kW target	3 kW	100% higher target rated power
Maximum motor torque	To be confirmed after drivetrain validation	294 N·m; measurement point unspecified	—
Acceleration	0–50 km/h in 2.5 seconds or less target	3 seconds; speed interval unspecified	—
Battery	74V 50Ah smart removable battery target	73.8V 32Ah ternary lithium-ion battery	56% higher target capacity in Ah
Charger	2.4 kW CAN smart charger target	1.2 kW CAN communication charger	2× target charger power
Charge time	Approximately 60 minutes, 20–80% target	2 hours; charge interval unspecified	—
Top speed	100 km/h / 62 mph target	90 km/h	11% higher target top speed
Peak controller current	180A FOC controller target	100A maximum	80% higher target current
Features	Square LED headlight; 4-inch color TFT (LCD) display target	Square headlights; LCD display	Proposed LED headlight and larger color interface
Riding modes	Eco, Trail, Sport, Boost, and Custom target	Three speed modes: 50 / 85 / 100 km/h	Five proposed modes
Maximum range	Up to 130 km at 40 km/h under controlled conditions target	120 km; test conditions unspecified	8% higher controlled-condition target
Maximum climb	48° target; test conditions to be defined	45°; test conditions unspecified	3° higher proposed target
Drivetrain	Chain target	Chain	—
Frame	Reinforced 6061-T6 aluminum target	6061 aluminum alloy	—
Front / rear wheels	70/100-19 front; 80/90-18 rear target	70/100-19 front; 80/90-18 rear	—
Front suspension	Adjustable inverted fork; 200 mm travel target	Dual hydraulic shock absorption	Proposed adjustability
Rear suspension	Adjustable piggyback shock target	Single hydraulic shock absorption	Proposed adjustability
Water protection	Complete bike IP66; battery / controller IP67 target	IPX6	Higher proposed component protection
Seat height	Approximately 830 mm target	810 mm	—
Wheelbase	Approximately 1,280 mm target	1,235 mm	—
Handlebar width	Approximately 800 mm target	780 mm	—
Maximum load	220 kg target	200 kg	10% higher target load
Product dimensions	To be confirmed with production bodywork	1,825 × 780 × 1,085 mm	—

Specification	VENTARO target	EM-26 published specification	VENTARO edge
Quantity per carton	To be confirmed	1 piece	—
Packaging dimensions	To be confirmed	1,430 × 380 × 805 mm	—
Net / gross weight	70 kg or less curb weight target; gross weight to be confirmed	72 kg net; 96.5 kg gross	Target at least 2 kg lighter by net / curb comparison
40HQ container quantity	To be confirmed	147 pieces	—
Certification	Market-specific certification to be confirmed	CE / UL / GCC listed on supplied sheet	—
Rider age	Final market guidance to be confirmed	18+ listed on supplied sheet	—
Battery energy	3.70 kWh target	Approximately 2.36 kWh (calculated from the listed battery)	57% more target battery energy
Additional lighting	Full LED lighting target	Not listed on supplied sheet	Proposed published lighting specification
Rider control	Switchable traction control; adjustable regeneration; reverse assist targets	Not listed on supplied sheet	Three proposed control features
Connected security	Bluetooth app, GPS, OTA, NFC key, tracking, and motion alarm targets	Not listed on supplied sheet	Six proposed connected features
Brakes	Four-piston hydraulic; 220 mm rotors target	Not listed on supplied sheet	Proposed published brake specification
Warranty	2 years motorcycle / 3 years battery target	Not listed on supplied sheet	Proposed published coverage

The first 30 rows follow the supplied EM-26 sheet in its published order; VENTARO-only additions follow afterward. EM-26 figures are transcribed from that sheet, which does not fully define acceleration, range, torque, charging, climbing, load, and certification test methods. Its 2.36 kWh battery energy is calculated from 73.8V × 32Ah. All VENTARO values remain proposed development targets pending validation.