



STING TL5500 PRO L1e

POWERTRAIN (MOTOR + CONTROLLER)

MOTOR TYPE	AIR-COOLED IPM (INTERIOR PERMANENT MAGNET)
CONTROLLER TYPE	FOC
NOMINAL VOLTAGE	72V (DC)
NOMINAL POWER	3800W
PEAK POWER	4000W for 45KM/H (13,4kW in Offroad mode > 95KM/H)
PEAK TORQUE	55N.m
TORQUE ON REAR WHEEL	500N.m (48T Sprocket)
PEAK EFFICIENCY	92%

TRANSMISSION

GEAR RATIO	8.35 (48T Sprocket)
1 st TRANSMISSION MODE	GEARBOX
2 nd TRANSMISSION MODE	CHAIN (428-108)

ELECTRONIC COMPONENT

BATTERY PACK	72V / 40Ah
BATTERY CELL	Samsung Brand 21700 Cell
DASH	LED MULTI-FUNCTION DISPLAY
REGEN ADJUST METHOD	4-LEVEL ADJUSTMENT

VEHICLE

CHASSIS MATERIAL	NO. 6061 T4 & T6 ALUMINUM ALLOY
CHASSIS PROCESS METHOD	FORGED BY 6000 TONS PRESSURE
HEADLIGHT	LED
FRONT FORK	STING CUSTOMIZED HI-PERFORMANCE HYDRAULIC FORK
REAR ABSORBER	PROFESSIONAL OFF-ROAD PERFORMANCE ABSORBER
TIRE BRAND & SIZE	CST BRAND, FR.: 70/100-19; RR.: 80/100-19
TOP SPEED	45KM/H (Limited for EEC Regulation)
MAX. RANGE	≥85KM @ 40KM/H
N.W.	76 KG (Battery Pack Included)
VEHICLE DIMENSION	1890MM x 815MM x 1155MM
SEAT HEIGHT	840MM
WHEELBASE	1225MM
HANDLE BAR LENGTH	760MM
MIN. GROUND CLEARANCE	280MM
MAX. LOADING ABILITY	100KG
MAX. GRADEABILITY	45°