



## TALARIA STING PRO TL5500 (L1E ROAD LEGAL)

POWERTRAIN (MOTOR + CONTROLLER)	
MOTOR TYPE	AIR-COOLED IPM (INTERIOR PERMANENT MAGNET)
CONTROLLER TYPE	FOC
NOMINAL VOLTAGE	72V (DC)
NOMINAL POWER	5500W
PEAK POWER	8.5KW
PEAK TORQUE	55N.m
TORQUE ON REAR WHEEL	500N.m (48T Sprocket)
PEAK EFFICIENCY	92%
TRANSMISSION	
GEAR RATIO	9.1 (48T Sprocket)
1 <sup>st</sup> TRANSMISSION MODE	GEARBOX
2 <sup>nd</sup> TRANSMISSION MODE	CHAIN
ELECTRONIC COMPONENT	
BATTERY PACK	72V / 40Ah 20S/8P
BATTERY CELL	SAMSUNG 50S 21700 Cell
DASH	TFT MULTI-FUNCTION DISPLAY
REGEN ADJUST METHOD	4-LEVEL USER ADJUSTABLE
RIDING MODES	ECO / SPORT / HYPER

VEHICLE	
CHASSIS MATERIAL	NO. 6061 T4 & T6 ALUMINUM ALLOY
CHASSIS PROCESS METHOD	ALUMINIUM PROFILE EXTRUSION & FORGED
HEADLIGHT	LED
FRONT FORK	DUAL SPRING PRELOAD / AIR / REBOUND ADJUSTMENT
REAR ABSORBER	SPRING - PRELOAD/ COMPRESSION/REBOUND
TIRE BRAND & SIZE	CST BRAND, FR.: 70/100-19; RR.: 80/100-19 OFF-ROAD
TOP SPEED	45KM/H
MAX. RANGE	≥68KM @ 45KM/H
N.W.	78KG (Battery Pack Included)
VEHICLE DIMENSION	1890MM x 815MM x 1155MM
SEAT HEIGHT	840MM
WHEELBASE	1250MM
HANDLE BAR LENGTH	760MM
MIN. GROUND CLEARANCE	280MM
MAX. LOADING ABILITY	100KG
MAX. GRADEABILITY	45°