

TALARIA

AUSTRALIA + NEW ZEALAND



TALARIA STING MX TL3000

MOTOR

MOTOR TYPE	PMSM (PERMANENT MAGNET SYNCHRONOUS MOTOR)
MOUNTING POSITION	MIDDLE OF THE FRAME
WEIGHT	7.0KG
MOTOR EXTERNAL DIAMETER	φ 180MM
MOTOR AXIAL LENGTH	120MM
PEAK EFFICIENCY	92%
COOLING METHOD	AIR-COOLED

CONTROLLER

CONTROLLER TYPE	FOC
WEIGHT	2KG
DIMENSION	248MM X 128MM X 50MM
PEAK EFFICIENCY	92%
HIGHEST WORKING TEMPERATURE	100°



MOTOR POWER SYSTEM (MOTOR + CONTROLLER)

NOMINAL VOLTAGE	60V (DC)
NOMINAL POWER	3,000W
PEAK POWER	6,000W
NOMINAL TORQUE	≥ 5.7N.M
PEAL TORQUE	34N.M
TORQUE ON REAR WHEEL	284N.M (44T SPROCKET) / 309N.M (48T SPROCKET)

TRANSMISSION

GEAR RATIO	8.35 (44T SPROCKET) / 9.18 (48T SPROCKET)
1st TRANSMISSION MODE	GEARBOX
2ND TRANSMISSION MODE	CHAIN

ELECTRONIC COMPONENT

BATTERY PACK	60V / 38.4AH
BATTERY PACK MEASUREMENT	170 X 140 X 380MM
BATTERY PACK WEIGHT	12.8KG
BATTERY CELL	LG BRAND 21700 CELL (5,000MAH / CELL)
SPEEDOMETER	YES
REGEN ADJUST METHOD	4 - LEVEL ADJUSTMENT

VEHICLE

CHASSIS MATERIAL	NO. 6061 T4 & T6 ALUMINUM ALLOY
CHASSIS PROCESS METHOD	FORGED BY 6,000 TONS PRESSURE
CHASSIS SURFACE AND COLOUR PROCESSING	ANODIZING (BLACK COLOUR)
LED HEADLIGHT	YES
FRONT FORK	DNM / FACTORY FRONT FORK
REAR ABSORBER	DNM / FACTORY REAR ABSORBER
WHEEL TYPE AND SIZE	SPOKED WHEELS, FRONT / REAR 19 INCHES
TIRE SIZE	FR. 70/100-19, RR. 80/100-19
TIRE BRAND	CST BRAND TIRE
TOP SPEED	≥ 70KM/H (WITH 44T SPROCKET)
MAX. RANGE	≥ 70KM @40KM/H
N.W	63KG (BATTERY PACK INCLUDED)
VEHICLE DIMENSION	1850 x 770 x 1075MM
SEAT HEIGHT	870MM
WHEELBASE	1225MM
HANDLE BAR LENGTH	760MM
MIN. GROUND CLEARANCE	280MM

**PACKAGING**

PACKAGING DIMENSION	1630 X 320 X 880MM
PACKAGING TYPE	CARTON
G.W	84KG