



## STING MX5 PRO

### POWERTRAIN (MOTOR + CONTROLLER)

MOTOR TYPE	AIR-COOLED IPM (INTERIOR PERMANENT MAGNET)
CONTROLLER TYPE	FOC
NOMINAL VOLTAGE	72V (DC)
NOMINAL POWER	5500W
PEAK POWER	13400W
PEAK TORQUE	55N.m
TORQUE ON REAR WHEEL	500N.m (48T Sprocket)
PEAK EFFICIENCY	92%

### TRANSMISSION

GEAR RATIO	8.35 (48T Sprocket)
1 <sup>st</sup> TRANSMISSION MODE	GEARBOX
2 <sup>nd</sup> 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	≥95km/H
MAX. RANGE	≥85KM @ 40KM/H
N.W.	76 KG (Battery Pack Included)
VEHICLE DIMENTION	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°