Technical Specifications







MODEL NAME	KM3000	KM3000-V	KM4000	KM4000-V	
Performance					
PEAK POWER	12 kW	12 kW	12 kW	12 kW	
NOMINAL POWER	5 kW	5 kW	5 kW	5 kW	
MAX TORQUE	192 nM	192 nM	192 nM	192 nM	
TOP SPEED	120 km/h	120 km/h	120 km/h	120 km/	
ACCELERATION (0-40)	2.9s	2.9s	2.9s	2.9s	
ACCELERATION (0-60)	4.5s	4.5s	4.5s	4.5s	
ACCELERATION (0-100)	9.5s	9.5s	9.5s	9.5s	
MAXIMUM GRADEABILITY	16°	16°	16°	16°	
RIDING MODES	ECO, CITY, SPORTS, PARKING, REVERSE				
CERTIFIED RANGE	178 km	201 km	178 km	201 km	
FIELD RANGE (ECO MODE)	130 km	188 km	130 km	188 km	
FIELD RANGE (CITY MODE)	110 km	150 km	110 km	150 km	
FIELD RANGE (SPORTS MODE)	80 km	120 km	80 km	120 km	
POWERTRAIN	IN-HUB MOTOR GEN5				
	CORE ALUMINIUM ALLOY DESIGN				
	DUAL HALL SENSORS				
	MULTIPLE HIGH PRECISION TEMPERATURE SENSOR				
	IP67 MOTOR HUB DESIGN				
	GEN5 THERMAL MANAGEMENT ON MOTOR				
MOTOR CONTROLLER	GEN5 MCU				
	AUTOMOTIVE FIRST GEN 3 FLOATING POWER DELIVERY				
	DUAL MODE POWER REGENERATION				
	SMART WIRE CONTROLLED ACCECLERATION				
	GEN 5 SAFETY MECHANICAL & ELECTRICALLY CONTROLLED				
	IP67 WATERPROOF DESIGN				
CRUISE CONTROL	YES				
REGENERATIVE BRAKING			YES		
Battery Pack					
BATTERY PACK		MODULAR DESIGN -	CELL TO MODULE TO PA	ACK	
ENERGY CAPACITY	4.1 kWh	5.15 kWh	4.1 kWh	5.15 kW	
INGRESS PROTECTION			IP67		
PACK CASING	ALUMINIUM CASING				
BMS TYPE	SMART BATTERY MANAGEMENT SYSTEM				
	ASIL-B SAFETY COMPLIANCE / ISO 26262 COMPLIANCE				
	IP67 MODULAR PACK DESIGN				
	GEN 5 OPTIMISED BATTERY CHARGING				
		PRENTCTT	VE MAINTENANCE		

Charger
CHARGER TYPE

COMPLIANCE

CHARGER CAPACITY 0-60% 0-100% **FAST CHARGING**

1500 w 60 mins 180 mins 200 mins 180 mins YES

CHARGING PORT LENGTH

Vehicle and Frame

WIDTH **HEIGHT** WHEELBASE **GROUND CLEARANCE SEAT HEIGHT** KERB WEIGHT WATER WADING LIMIT FRUNK STORAGE CAPACITY FRONT SUSPENSION **REAR SUSPENSION** FRAME **SWING ARM** SIDE STAND FRONT TYRE

STEEL TUBE

702 mm 1141 mm 1412 mm 175 mm 815 mm 152 kg 200 mm 13 ltr TELESCOPIC FORKS FRONT SUSPENSION MONOSHOCK REAR SUSPENSION DIAMOND STEEL TUBE FRAME ALUMINIUM ALLOY STEEL TUBE FORGED STEEL

PREDICTIVE MAINTENANCE

FAIL SAFE DESIGN OF BATTERY PACK

AIS156 BATTERY PACK COMPLIANCE

ON-BOARD CHARGER

PROPRIETORY

2080 mm

200 mins

ALUMINIUM ALLOY

LED

110/70-R17 110/70-R17 110/70-R17 110/70-R17 140/60-R17 190/55-17 140/60-R17 190/55-17 DUAL CHANNEL CBS

BRAKING SYSTEM

Safety

REAR TYRE

REGENERATIVE BRAKING FRONT BRAKE FRONT DISC REAR BRAKE **REAR DISC**

DUAL MODE REGENERATION SYSTEM TRIPLE PISTON BRAKE ASSEMBLY 320 mm SINGLE PISTON FLOATING BRAKE ASSEMBLY 230 mm

FRONT INDICATORS TAIL LAMP

Design

HEADLAMP

REAR INDICATORS SAREE GUARD Connectivity

PROJECTOR PROJECTOR

SMART 5" TFT DASHBOARD IP66

LED

LED

LED

YES

LED

DASHBOARD

INGRESS PROTECTION BLUETOOTH **MOBILE APP THEMES TPMS IOT DEVICE FOTA**

YES YES LIGHT & DARK MODE YES - BLE CONNECTED TPMS YES - 4G CONNECTED JIO POWERED YES

Warranty

VEHICLE WARRANTY

CHARGER WARRANTY BATTERY WARRANTY MOTOR WARRANTY

3 YEARS OR 30000 KMS 1 YEAR OR 10000 KMS; EXTENDED WARRANTY UPTO 08 YEARS OR 80000 KMS* 3 YEARS OR 30000 KMS; EXTENDED WARRANTY UPTO 08 YEARS OR 80000 KMS*

1 YEAR OR 10000 KMS; EXTENDED WARRANTY UPTO 08 YEARS OR 80000 KMS*