

PRANA SPEC SHEET



PRANA 2.0 PERFORMANCE

PEAK POWER	10 kW	10 kW
PEAK TORQUE	38 Nm	38 Nm
DRIVETRAIN	Direct	Direct
MOTOR	BLDC	BLDC
MAX SPEED	123 Kmph ¹	123 Kmph ¹
ACCELERATION (0-60)	< 4.0 Sec ¹	< 4.0 Sec ¹
GRADABILITY	15 Deg	15 Deg

PRANA 2.0 RIDE MODES

PRACTICE	Max Speed (60 Kmph)	Max Speed (60 Kmph)
DRIVE	Max Speed (80 Kmph)	Max Speed (80 Kmph)
SPORTS	Max Speed (123 Kmph)	Max Speed (123 Kmph)
REVERSE	Max Speed (5 Kmph)	Max Speed (5 Kmph)

PRANA 2.0 DIMENSION

WHEEL BASE	1415	1415
SEAT HEIGHT	770 mm	772 mm
KERB WEIGHT	157.3 Kg	181 Kg
GROUND CLEARANCE	150 mm	150 mm

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RANGE*

RANGE REAL WORLD

*[50 to 60 kmph driving on drive mode with single rider]

150 Km²250 Km²PRANA 2.0
BATTERY SYSTEM

BATTERY CHEMISTRY

LFP

LFP

ENERGY CAPACITY

5 kWh

8.44 kWh

BATTERY CYCLE

1500³1500³

IP RATING

Steel Enclosure with IP67 Rating: Shielded from Water and Dust Ingress

Steel Enclosure with IP67 Rating: Shielded from Water and Dust Ingress

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CONTROLLER

CONTROLLER TYPE

FOC

FOC

IP RATING

IP65

IP65

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CHARGING

CHARGING PORT

Waterproof 5 Pin with Rubber Cap

Waterproof 5 Pin with Rubber Cap

CHARGING SUPPLY

230 v AC

230 v AC

CHARGING CURRENT

15A⁴15A⁴

TIME TO FULL CHARGE

5 Hours

8 Hours

TANK CAP CYCLE

30000

30000

THROTTLE CONTROL

Mechanical Throttle Unit

Mechanical Throttle Unit

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MECHANICAL

FRAME

Dual Cradle Steel

Dual Cradle Steel

FRONT SUSPENSION

Telescopic

Telescopic

REAR SUSPENSION

Mono Shock

Mono Shock

BRAKE SYSTEM

Sequential
Braking SystemSequential
Braking System

BRAKE CALIPERS

All Floating - Hydraulic
Brake SystemAll Floating - Hydraulic
Brake System

BRAKE CUT OFF SENSOR CYCLE

10000^{±5}10000^{±5}

BRAKE ROTOR

275 mm- Front
220 mm - Rear275 mm- Front
220 mm - Rear

TYRES

110/70/17 -Front
140/70/17 - Rear110/70/17 -Front
140/70/17 - Rear

PRANA 2.0

SAFETY

Headlight: Dual LED Lights, Signal: Front and Rear LED lights with Hazard, Tail light Assembly: Dual LED Lights with central LED brake light, Sidestand Sensor, Tyre Pressure Sensor

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STOPPING DISTANCE
(60 - 0 in Meter)

LH Brake: 16.05m

LH Brake: 18.68m

RH Brake: 26.09m

RH Brake: 27.13m

LH & RH Brake: 13.14m

LH & RH Brake: 14.98m

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SMART TECH

CAN CONNECTION

Every individual component has connected with CAN - BMS. Motor controller, Battery Charger, Instrument Cluster

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INSTRUMENT CLUSTER

4.3" TFT LCD Display

4.3" TFT LCD Display

OPERATING SYSTEM

RTOS

RTOS

WLAN

Supports 802.11a/b/g/n/ac Wi-Fi standards

Supports 802.11a/b/g/n/ac Wi-Fi standards

BLUETOOTH

Supports Bluetooth 5, Bluetooth low energy

Supports Bluetooth 5, Bluetooth low energy

POSITIONING

GPS/GLONASS

GPS/GLONASS

PRANA 2.0

VEHICLE WARRANTY

STANDARD WARRANTY

1 year or 30,000km⁶

1 year or 30,000km⁶

PRANA 2.0

BATTERY WARRANTY

LIMITED WARRANTY

3 years or 45,000km⁶

3 years or 45,000km⁶

EXTENDED WARRANTY

5 years or 60,000km⁶

5 years or 60,000km⁶

EXTENDED+ WARRANTY

5 years or 80,000km⁶

5 years or 80,000km⁶

Disclaimer:

1. The speed and acceleration may vary depending upon the road conditions and driving positions.
2. Your actual range will vary depending on the driving mode, battery age and condition, driving style and operating, environmental and climate conditions. The Range Estimates on the vehicle display are based on the remaining battery energy, IDC-rated consumption, your personal driving patterns and external conditions. The displayed range on the screen may decrease faster than the actual distance driven. The life time of product is listed as per the individual component specification.
3. The cell standard operating cycles may vary depending upon the Driving pattern.
4. The charging time will vary depending on the SOC of the battery pack.
5. The actual usage depends upon the environmental conditions.
6. Whichever is earlier. Terms and conditions apply and are explained in the warranty manual.