

THE 22ND CENTURY MOTORBIKE

ELECTRIC. GEARED. CONNECTED.



**LIT
FESTIVE
OFFER**

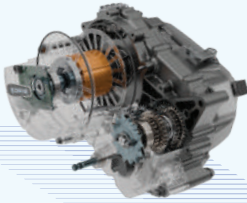
INSURANCE &
REGISTRATION BENEFITS

₹15,000*

EXCHANGE
BONUS

₹5,000^

Innovation. Built Into Every Component.



An exciting Shift

Experience superior control and a familiar riding feel with the pioneering 4-Speed Hypershift Manual Gearbox.

2.8 s

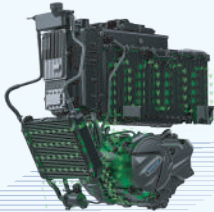
Acceleration
(0-40 km/h)

105 km/h

Top
Speed

11.5 kW

Motor
Power



Cool under pressure

Integrated Intelligent Thermal Management System (IITMS) keeps critical components performing optimally, so you ride without breaking a sweat.



Your Digital companion

Stats that matter, without any distractions. The Smart Dashboard gives you essential riding info within your field of vision.

Touch Screen

7-inch
Display

Always connected

4G &
bluetooth

Integrated

Navigation



Charge your Own Way

With an on-board 5-amp charger and fast-charging support, the AERA makes every top-up seamless

172 km

IDC Range**

5 kWh

Battery

1.5 hrs

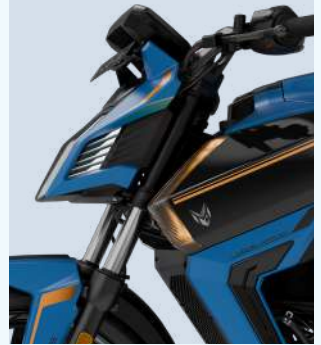
Fast Charging Time
(0-80%)

Effortless Performance. Seamless Connectivity. Everyday Comfort. The AERA Does It All!



e-ABS for
superior safety

Segment-first
integrated turn
signals



3.5 litre
Storage Space



Stay connected
with MATTERVerse App



Keyless
lock/unlock
and go



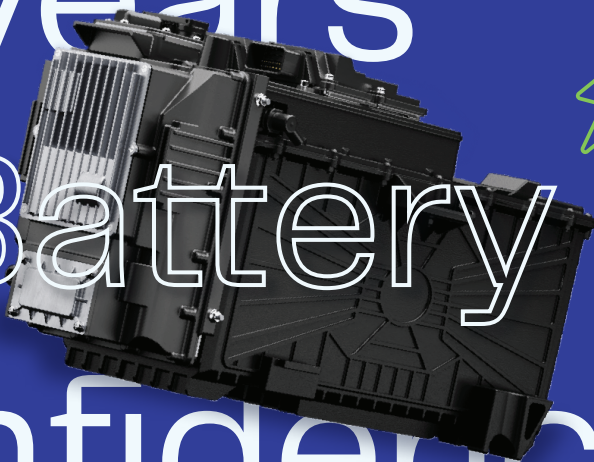
Pro-foam seats
for extra comfort.



Advanced
Bi-focal Projector
Headlamp



15 years of Battery Confidence



MATTER *Lifetime* Battery Warranty

15 years/ Unlimited km

Enjoy peace of mind and ride further with first-of-its-kind Lifetime Battery Warranty.

What's in it for you?

15 Years of Confidence

Enjoy long-term peace of mind with unmatched coverage.

No Battery Anxiety

SOH assurance ensures your performance stays strong, ride after ride.

Transferable. Rewarding. Future-Ready.

Add value to your next purchase or pass it forward.

No Surprises. Just Clarity.

Transparent usage and claims policy — exactly how it should be.

Built to *Endure*.
Backed for a *Lifetime*.

Only from MATTER.
Ask our team at the Experience Hub for full details.

You can also get more information at matter.in

Specifications & Features

AERA 5000

AERA 5000+

KEY SPECS OVERVIEW

Peak Motor Power kW (P)
Max Torque at Motor (Nm)
Max Torque at Wheel
Battery Capacity Installed (kWh)
Acceleration 0-40 under (s)
Acceleration 0-60 under (s)
Top Speed (kmph) (continuous)
IDC Range (km)**
Ride Modes

11.5
26
450
5
2.8 (<3)
5.5 (<6)
105
172
Eco, City, Sport
+Park Assist
Normal Charging in 5 hours
Fast Charging in 1.5 hours

11.5
26
450
5
2.8 (<3)
5.5 (<6)
105
172
Eco, City, Sport
+Park Assist
Normal Charging in 5 hours
Fast Charging in 1.5 hours

POWERTRAIN

Motor Type

Transmission

Clutch
Number of Gears
Cooling
Water and Dust Resistance (IP Rating)

Interior Permanent Magnet
Synchronous Machine
4-Speed Constant Mesh
Manual Transmission
Assist & Slipper, 4 Plate, Wet Clutch
4
Inbuilt Active Liquid Cooling
IP 67

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Synchronous Machine
4-Speed Constant Mesh
Manual Transmission
Assist & Slipper, 4 Plate, Wet Clutch
4
Inbuilt Active Liquid Cooling
IP 67

POWERPACK

Cooling
Cell Chemistry
BMS
Inverter type

Inbuilt Active Liquid Cooling
Lithium
Super Smart BMS
Liquid Cooled Three-Phase
Motor Controller

Inbuilt Active Liquid Cooling
Lithium
Super Smart BMS
Liquid Cooled Three-Phase
Motor Controller

SAFETY AND PROTECTIONS

Thermal Management

Under Voltage Protection
Over Voltage Protection
Thermal Protection
Over Current Protection
Short Circuit Protection

IIIMS (Integrated Intelligent
Thermal Management System)
✓
✓
✓
✓
✓

IIIMS (Integrated Intelligent
Thermal Management System)
✓
✓
✓
✓
✓

VEHICLE INSTRUMENT CLUSTER

Computing

Display

Connectivity
GPS
Ambient Light Sensor
IMU

Operating System

State of the art processor +
3 GB RAM
7 inch TFT with Capacitive
Touch Screen
4G LTE, WiFi and BLE
✓
✓
9-axis Accelerometer,
Gyroscope, Magnetometer
Android 11

State of the art processor +
3 GB RAM
7 inch TFT with Capacitive
Touch Screen
4G LTE, WiFi and BLE
✓
✓
9-axis Accelerometer,
Gyroscope, Magnetometer
Android 11

CHARGING

Type

Connector

Onboard Charger Type
Input Voltage (V)
Input Current (A)
Charging time - 0 to 80% less than (time in hours)^
Charging time - 0 to 100% less than (time in hours)^
Fast Charger Type
Input Voltage (V)
Input Current (A)
Charging time - 0 to 80% less than (time in hours)^
Charging time - 0 to 100% less than (time in hours)^

Onboard Charger +
DC Fast Charger Compatible
Integrated AC/DC Connector
with Lock
1 kW Intelligent Charger
150-270
5
5
6
3 kW Standalone Charger
150-270
15
1.5
2

Onboard Charger +
DC Fast Charger Compatible
Integrated AC/DC Connector
with Lock
1 kW Intelligent Charger
150-270
5
5
6
3 kW Standalone Charger
150-270
15
1.5
2

FRAME AND SUSPENSION

Frame Type
Front Suspension

Dual Cradle
Telescopic Fork with diameter of 33mm
Dual Cradle
Telescopic Fork with diameter of 33mm

Specifications & Features

AERA 5000

AERA 5000+

BRAKING

Front Brakes
Rear Brakes
Regenerative Braking
ABS

270mm Petal Disc
220mm Disc
✓
ABS, Dual Sensor Single Channel

270mm Petal Disc
220mm Disc
✓
ABS, Dual Sensor Single Channel

TYRES AND WHEELS

Wheel Type
Front Tyre
Rear Tyre

Alloy Wheel
100/80 - 17 Tubeless
130/70 - R17 Tubeless

Alloy Wheel
100/80 - 17 Tubeless
130/70 - R17 Tubeless

LIGHTS

Headlights - Type

Bifunctional LED Projector with
Position Lamps Class D

Bifunctional LED Projector with
Position Lamps Class D

DRL/AHO
Tail Lights - Type
Indicators (Front)
Indicators (Rear)
Safety Lights

AHO
LED
Body Integrated LED
Sequential LED
✓

AHO
LED
Body Integrated LED
Sequential LED
✓

DIMENSIONS

Wheelbase (mm)
Ground Clearance (mm)
Seat Height - Rider (mm)
Seat Height - Pillion (mm)
Kerb Weight (kg)

1355
183
790
880
168

1355
183
790
880
168

STORAGE

Storage Space (l)

3.5

3.5

WARRANTY

Lifetime Battery Warranty*
Standard Warranty - Bike

15 years/Unlimited km
3 years/45k km

15 years/Unlimited km
3 years/45k km

MATTER CARE

Roadside Assistance (1 year)

✓

✓

SMART FEATURES

Predicted Range
Real-time Battery Consumption (SoC)
Ride Stats
Welcome Lights
Battery Saving
Battery Usage Stats
Gear Indicator
Passive Keyless Entry
Push Button Start
Adaptive Dashboard Brightness
Gear Shift Helper
Passive Keyless Entry
Guide Me Home Lights
Bluetooth Pairing to App
Call Control
Music Control
USB Charging Port - Smart Control
Vehicle Health Check
Integrated Navigation
Updated via OTA

✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
x
x
x
x
x
x
x
Regulatory

✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
✓
Advanced
New Features*

CONNECTED MOBILE APP FEATURES

Service Reminder and Management
Owner's Manual
Ride History and Stats
Running Cost Savings Calculator
Bluetooth Pairing to Vehicle
Live Location Tracking / Find my bike
Remote Charging Monitoring and Control
Trip Planner - Multi Stop
Push Navigation to Vehicle
Vehicle Health Monitoring

✓
✓
Basic
Auto
x
x
x
x
x
x
x

✓
✓
Advanced
Auto
✓
✓*
✓
✓
✓*
✓*



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