



SAFFIRE

— By Koyo Gears India Pvt. Ltd. —

BUILT TO CARRY.
BUILT TO LAST.

STRENGTH THAT DELIVERS. PERFORMANCE THAT PAYS.



CERTIFIED BY



INTERNATIONAL CENTRE FOR
AUTOMOTIVE TECHNOLOGY

— MANESAR —

SAFFIRE SWISS LOADER & SAFFIRE SMART RIDE
MADE FOR INDIA. BUILT FOR TOMORROW.



SAFFIRE

— By Koyo Gears India Pvt. Ltd. —

ABOUT US

Driving India **Forward**. Built on **Trust**. Made to **Last**.



Saffire by Koyo Gears India Pvt. Ltd. is a forward-thinking electric mobility brand committed to driving India towards a **cleaner**, **smarter** and **stronger** tomorrow.

Our vehicles are the result of strategic partnerships and deep industry expertise. In collaboration with **Panther E Rickshaw**, we design and develop vehicles that deliver real-world performance, reliability and value.

We are powered by advanced batteries from **Trontek** and efficient powertrain systems from **Datai**. Supported by **TNR** as our trusted supplier for Datai systems and other critical components, and equipped with **CEAT** tyres, our vehicles are built to perform with strength, safety and efficiency across every journey.

Every Saffire vehicle is tested and certified by **ICAT**, the approval agency that ensures the highest standards of safety, quality and compliance.



Reliable by Design

Built with quality components and rigorous testing for long-term reliability.



Performance That Delivers

Advanced technology and efficient systems for better range, safety and durability.



Expertise That Drives

Backed by the combined experience of industry specialists.



Ready for the World

Engineered for India. Prepared for global opportunities.

PROVIDING INDIA'S MOST **RELIABLE** PRODUCT.

Strength that **delivers**. Performance that **pays**.



SAFFIRE

— By Koyo Gears India Pvt. Ltd. —

SWISS CARGO

ELECTRIC CARGO VEHICLE



STRENGTH THAT DELIVERS.
PERFORMANCE THAT PAYS.

Engineered for India's evolving cargo needs.

SAFFIRE SWISS LOADER



BUILT TO CARRY. BUILT TO LAST.

The Saffire Swiss Loader is engineered for India's toughest last-mile logistics. With unmatched strength, longest wheelbase in its class and a powerful electric drivetrain – it delivers higher payload, superior performance and maximum reliability every single day.



**MORE PAYLOAD.
MORE RANGE.
MORE PROFIT.**



14.61 kWh
BATTERY CAPACITY
63V 232AH



200 KM*
RANGE
(REAL-WORLD)



600 KG
PAYLOAD
CAPACITY



50 KM/HR
TOP SPEED

KEY SPECIFICATIONS



Motor Peak Power 6.3 KW (6300 Watt)



Wheelbase 2413 mm
(One of the Longest in Class)



Battery 63V 232AH
(14.61 kWh)



Range 200 KM*
(Real-World Conditions)



Payload Capacity 600 KG



Top Speed 50 KM/HR



Tyre Size 4.12 – 12



Chassis Heavy-Duty Reinforced
High Strength Structure



Gradeability 15%



Charging Time 5 – 6 Hours
(Standard Charger)



CERTIFIED BY ICAT – MANESAR

Tested & certified by ICAT (International Centre for Automotive Technology), Manesar as per AIS & CMVR norms for safety, performance and reliability.

- ✓ Homologation & Type Approval
- ✓ Structural Safety Tested
- ✓ Brake Performance Tested
- ✓ Electrical Safety Tested
- ✓ Durability & Reliability Verified



CERTIFIED



HEAVIEST &
STRONGEST
IN ITS CLASS



LONGEST
WHEELBASE
2413 mm



BUILT FOR
TOUGHEST ROADS
& HEAVY LOADS



HIGH RELIABILITY
MAXIMUM UPTIME



DESIGNED &
MADE IN INDIA

**5 YEARS
WARRANTY**
OR 1,00,000 KM*
(Battery & Drivetrain)

SAFFIRE SWISS LOADER – STRENGTH THAT DELIVERS. PERFORMANCE THAT PAYS.

*Range & performance may vary based on load, road, driving conditions & temperature.



SAFFIRE

— By Koyo Gears India Pvt. Ltd. —

SMART RIDE

D+3 PASSENGER ELECTRIC VEHICLE

STRENGTH THAT DELIVERS.
PERFORMANCE THAT PAYS.



Engineered for India's
evolving mobility needs.

SAFFIRE SMART RIDE

D+3 PASSENGER ELECTRIC 3-WHEELER

BUILT TO **CARRY**. BUILT TO **LAST**.

Saffire Smart Ride is engineered for India's toughest last-mile mobility. With unmatched strength, longest wheelbase in its class and powerful electric drivetrain – it delivers superior performance, higher payload and maximum reliability every single day.

MORE PAYLOAD.
MORE RANGE.
MORE PROFIT.



14.61 kWh
BATTERY CAPACITY
63V 232AH



200 KM*
RANGE
(REAL-WORLD)



600 KG
PAYLOAD
CAPACITY



50 KM/HR
TOP SPEED

KEY SPECIFICATIONS



Motor Peak Power

6.3 KW (6300 Watt)



Top Speed

50 KM/HR



Wheelbase

1948 mm
(Longest in Class)



Tyre Size

4.12 – 12



Battery

63V 232AH
(14.61 kWh)



Chassis

Heavy-Duty Reinforced
High Strength Structure



Range

200 KM*
(Real-World Conditions)



Gradeability

15%



Payload Capacity

600 KG



Charging Time

5 – 6 Hours
(Standard Charger)



CERTIFIED BY ICAT – MANESAR

Tested & certified by ICAT (International Centre for Automotive Technology), Manesar as per AIS & CMVR norms for safety, performance and reliability.

- ✓ Homologation & Type Approval
- ✓ Structural Safety Tested
- ✓ Brake Performance Tested
- ✓ Electrical Safety Tested
- ✓ Durability & Reliability Verified



CERTIFIED



HEAVIEST &
STRONGEST
IN ITS CLASS



LONGEST
WHEELBASE
1948 mm



BUILT FOR
TOUGHEST ROADS
& HEAVY LOADS



HIGH RELIABILITY
MAXIMUM UPTIME



DESIGNED &
MADE IN INDIA

5 YEARS
WARRANTY

OR 1,00,000 KM*
(Battery & Drivetrain)

SAFFIRE SMART RIDE – STRENGTH THAT DELIVERS. PERFORMANCE THAT PAYS.

*Range & performance may vary based on load, road, driving conditions & temperature.



SAFFIRE

— STRENGTH THAT DELIVERS. PERFORMANCE THAT PAYS. —

BUILT TO CARRY. BUILT TO LAST.



SAFFIRE
SWISS LOADER
— LOADER —



SAFFIRE
SMART RIDE
— D+3 PASSENGER —



63V 232AH
BATTERY
(14.61 kWh)



200 KM*
RANGE
(REAL-WORLD)



600 KG
PAYLOAD
CAPACITY



6.3 KW
PEAK POWER
(6300 WATT)



50 KM/HR
TOP SPEED



2413 mm
WHEELBASE
(LOADER)



1948 mm
WHEELBASE
(PASSENGER)

ABOUT OUR VEHICLES

Saffire Swiss Loader and Saffire Smart Ride are engineered for India's toughest last-mile needs. With a robust electric powertrain, longest wheelbase in class and heavy-duty reinforced structure, they deliver unmatched strength, higher payload, superior performance and reliability – every single day.



HEAVY-DUTY
REINFORCED CHASSIS



LONGEST WHEELBASE
IN CLASS



HIGH PAYLOAD
CAPACITY



LOW MAINTENANCE
HIGH RELIABILITY



ZERO EMISSION
ECO-FRIENDLY

BY KOYO GEARS INDIA PVT. LTD.

*Range & performance may vary based on load, road, driving conditions & temperature.

DRIVEN BY STRENGTH.
DELIVERING THE FUTURE.



SAFFIRE

By Koyo Gears India Pvt. Ltd.

Engineered for India's toughest roads and
tomorrow's endless possibilities.

Built to Carry. Built to Last.



CONTACT US



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