



BRAHMASHIRA ASTRA BHARAT

BSAB

DIVERSIFYING STRATEGIC TECHNOLOGIES



THE GREEN CART, THAT GOES FURTHER.



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ZERO MAINTENANCE

Save time and labour costs by not having to maintain and repair batteries.



BETTER FOR TURF

Vehicles are up to 126kg lighter than other electric golf cars, meaning less wear and tear on your turf.



15 MILLION PROVEN HOURS

Years ahead of the competition with a proven track record in the UK.



FAST, FLEXIBLE CHARGING

Faster charging on the fly will remove the stress on vehicle numbers during busy periods.



5-YEAR WARRANTY

Market leading 5-Year Unlimited amp-hour battery warranty.



LOW OPERATING COST

Improved energy efficiency will save you thousands on electricity bills.

THE BENEFITS OF LITHIUM POWER

Lithium vs lead acid batteries

Comparing the two chemistries side-by-side, lithium ion achieves an energy density of 125-600+ Wh/L versus 50-90 Wh/L for lead acid batteries. In other words, if you were to drive the same distance using each type of batteries in an identical vehicle, the lead acid battery could take up to 10 times the volume that the lithium ion would, and it's also significantly heavier.

A high energy density also affords the vehicle a much longer range, meaning the user does not need to charge as often when powered by lithium ion technologies.

Charging a lead-acid battery can take more than 10 hours, whereas lithium ion batteries can take from 3 hours. Lithium ion chemistries can accept a faster rate of current, charging quicker than batteries made with lead acid. This is critical for time-sensitive applications where vehicles have high utilisation and fewer break intervals. The more you charge a battery, the more it reduces the lifespan.

CARBON FOOTPRINT

Significant reduction in your energy use through efficient charging.



FULLY RECYCLABLE

Lithium batteries are fully recyclable.



BETTER FOR TURF

Less wear and tear on your turf means a healthier course environment.



HEALTH & SAFETY

No potentially hazardous lead component to dispose of.

HOW IS YOUR ELECTRIC VEHICLE HELPING THE ENVIRONMENT?

Demonstrating a sustainable and environmentally-aware approach is a key selling point for any modern brand, and electric vehicle are no exception. Lithium battery technology is not only superior in terms of performance, it also boosts your green credentials and lessens your impact on the environment compared to the use and disposal of standard acid batteries. Lithium batteries are a safe and environmentally clean product. They do not contain unhealthy acid substances and environmental banned heavy metals such as lead.

LITHIUM ION

ENERGY

125-600+ Wh/L

CHARGING

Up to 3 hours

COST

INR 70 per charge

DISPOSAL

Fully recyclable

WEIGHT

Up to 126kg lighter, meaning less wear and tear on turf

RANGE

Up to 4 rounds of golf

LEAD ACID

ENERGY

50-90 Wh/L

CHARGING

Up to 10 hours

COST

INR 165 per charge

DISPOSAL

Contains hazardous materials

WEIGHT

Heavier loads can damage turf and course environment

RANGE

Up to 2 rounds of golf

PETROL

ENERGY

Petrol

FUEL

A day to collect fuel and time to fill

COST

Tank hold 22 litres
INR 175 per litre = INR 3850

DISPOSAL

Contains hazardous materials

WEIGHT

Heavier loads can damage turf and course environment

RANGE

Up to 5 rounds of golf

EV S6

- 6 seater golf cart
- Aluminum chassis
- Curtis 1266-5201 controller
- Motor: KDS 48V 3.7KW
- 48V 105AH lithium battery
- with heating system
- Linyue Transaxle
- EM brake & LED lights
- Onboard charger
- 205/50-10 tyre



- 8 seater golf cart
- Steel chassis
- Curtis 1266-5301 controller
- Motor: KDS 48V 3.7KW
- 4 8V 105AH lithium battery with heating system
- Linyue Transaxle
- EM brake
- LED lights
- On board charger
- 205/50-10 tyre

EV S6+2



- 8 seater golf cart (with foldable backseats)
- Steel chassis
- Curtis 1266-5301 controller
- Motor: KDS 48V 3.7KW
- 4 8V 105AH lithium battery with heating system
- Linyue Transaxle
- EM brake & LED lights
- On board charger
- 205/50-10 tyre

EV S6+2FF





SHUTTLE BUS

EV-G14

- 14 seater shuttle bus
- 72V 7.5KW AC system
- Controller ACM72-80C450
- Motor:72V 7.5KW
- 72V 210AH lithium battery
- Heavy duty axle transaxle
- LED lights
- Onboard charger
- 165/70R13 TYRE



- 8 seater shuttle bus
- 72V 7.5KW AC system
- Controller ACM720C450
- Motor:72V 7.5KW
- 72V 210AH lithium battery
- Heavy duty axle transaxle
- LED lights
- Onboard charger
- 165/70R13 TYRE

EV-G8



- 11 seater shuttle bus
- 72V 7.5KW AC system
- Controller ACM7280C450
- Motor:72V 7.5KW
- 72V 210AH lithium battery
- Heavy duty axle transaxle
- LED lights
- Onboard charger
- 165/70R13 TYRE

EV-G11



INCREASED PERFORMANCE



GREATER EFFICIENCY

Lithium batteries use less energy, charge in half the time and require less power than leading acid competitors. That Means you can dramatically cut energy costs.



LIGHER FLEET & HEALTHIER TURF

With batteries half the size and a fraction of the weight of lead acid, vehicles weigh over 100kg less. This takes a big load off your turf, protecting one of your most valuable assets.



5-YEAR WARRANTY

Each unit comes with a five-year, unlimited-amp-hour warranty on the battery and 3 months parts with labour warranty. By providing this coverage, you and your course can eliminate costly out-of-warranty repairs.



NO BATTERY MAINTENANCE

Lithium batteries don't require the labour involved with watering, terminal post check ups and cleaning, like lead acid batteries.

EV SERIES



Battery Operated Bus



Electric Bus



Electric Shuttle Buses



Twenty Three Seater
Sightseeing Buses

EV SERIES



Battery Operated Bus



Electric 6 Seater Vehicle



Express Lifted 6 Seater



Express Ambulance Vehicle

EV SERIES



Express Work Vehicle



Express Flat Bed Golf Vehicle



Express Lifted 6 Seater



Express Ambulance Vehicle



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