

ak auto electrical

Mfg. & Exporters of Electrical Vehicles

ISO 9001: 2008 Certified Company

"From Trust to Faith"



About Us

A K Auto Electrical ISO 9001: 2008 Certified Co. is one of the leading manufacturers and exporters of eco-friendly Battery operated **DIVYA RATH™ & Tik Tiek™** Vehicles.

The company specializes in the manufacture of **CIRT approved**, with PAN INDIA presence **DIVYA RATH™ & Tik Tiek™ E-Rickshaws & E-Loaders**.

We have also got RTO approvals from all major states. We have a strong technical and skilled work force, who have taken a giant leap to develop and nurture environment friendly commuting solution by introducing **DIVYA RATH™ & TIK TIEK™**. A new dimension to the transport convenience providing last mile connectivity for both classes and masses with great effort, enthusiasm and energy by our team.

The Company's aim is to manufacture E Rickshaws and E Carts of the highest quality, offering latest technology, committed customer service & satisfaction. So that each and every product that rolls out from the plant offers utmost safety, comfort and utility to the driver, as well as the passengers which in turn gets converted into **"Value for Money"** with a company mission **"Trust to Faith"**



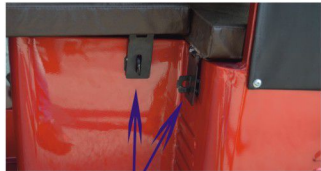
Why DIVYA RATH™ & TIK TIEK™?

Our electric rickshaws are manufactured entirely in-house to ensure giving you the most reasonable prices while delivering on superior quality. Built over steel tubular low carbon chassis, body is kept reasonable in weight and without compromising safety & life of vehicle life of the battery. Our premium e-rickshaws are crafted from only the best materials and are integrated with high capacity motors to ensure smooth handling of any road. The things that unite to make **DIVYA RATH™ & Tik Tiek™** premium are :

- ☛ No compromise on safety features - we focus on safety along with running cost and cost of vehicle.
- ☛ Corrosion resistant chassis that.....durability and longer life of vehicle.
- ☛ Larger legroom and wider body for passenger and driver's comfort.
- ☛ Heavy duty gear that makes the vehicle to run easily on rough terrain and enhances climbing capacity.
- ☛ Analog speedometer, odometer and battery meter for driver's comfort and ACCURACY.
- ☛ CRC low carbon steel tubular pipes (automotive grade Is2062).
- ☛ CR sheet for durability and strength of the vehicle with Co2/MIG weld joint with the chassis for long run of the vehicle as compared to bolted body joints with chassis that get damaged after a few month of use.
- ☛ Portable SMPS pulse charger with auto cut that saves electricity and enhances the battery life by not overcharging them.
- ☛ Passenger security handles that gives better arm rest comfort with security to the passengers.
- ☛ Heavy duty and advance technology built charging sockets that doesn't get burnt easily, heavy and preventive cover to avoid direct contact from water & dust.
- ☛ Heavy duty Indian tyres for longer life and also bares heavy loads on Indian roads.
- ☛ High grade automotive BRANDED paint that even retains well in rains and tough in all weather condition.
- ☛ Heavy duty motor with thermal protection for long run and heavy load capacity to work well in rough terrain.
- ☛ MCB's to prevent short circuit in the vehicle which in return avoid the critical parts like Controller, Motor and Converter from getting burnt and become non functional.
- ☛ Battery cut off switch for more protection against theft and saves power that increase the vehicle run time.
- ☛ Added LED's for Forward, Reverse and Hand Brake indication.
- ☛ Fire proof autograde wiring harness with preventive metal casing to get rid of getting the wires being cut, burnt etc.
- ☛ High ground clearance suitable for Indian roads.
- ☛ Approved components are used which offer highest level of quality, safety and durability of the vehicle.
- ☛ Complies with chassis number and registration number.
- ☛ Advance gear train transmission system.
- ☛ Comfortable cusian seat.
- ☛ Tool kit, Jack, Back cover and Glass are part of the vehicle - No hidden cost.
- ☛ Hydraulic shock absorbers for extra comfort.
- ☛ Pollution free transport mode.
- ☛ Parking brake cutoff - vehicle becomes immovable while brakes applies.
- ☛ SUPPLY IN FULL ASSEMBLED CONDITION IN CAR CARRIERS (NO DAMAGE, NO ASSEMBLING CHARGES & REACHING SAFELY).
- ☛ BRANDED battery with PAN India service & warranty. Maintenance free battery option also available.
- ☛ Hydraulic oil break in Divyarath.
- ☛ Finance available with nationalized bank.
- ☛ Mobile charging & motorised wiper in Divyarath.
- ☛ Metallic colour in Divyarath and option in Tik Tiek.
- ☛ Fuse for each electrical points to avoid load on converter.
- ☛ Spring leaf made of tempered material for more life.
- ☛ Heavy duty converter for Divyarath.
- ☛ 3 cutoff option - a) MCB cutoff, b) Key switch cutoff and c) Emergency switch cutoff.
- ☛ We are also providing very high strength for pipe support.
- ☛ We are also using longer handle bars which are ergonomically good for driver.
- ☛ Our chassis and bodies are stamped so they are very good in strength and can be used for heavy duty.
- ☛ On stamped designs we are giving graphic design stickers.
- ☛ We check each and every vehicle after assembly.
- ☛ Our QC department checks all parts.
- ☛ Our vehicles are tested on roads after it's assembly.
- ☛ New forks with very good performance.



DIVYA RATH™ & TIK TIEK™



Lock System For Controller & Battery



More Leg Space for Passenger and Driver



Foldeable Rain Cover



Tik Tiek & Other Manufacturer Converter



Heavy Duty Divyarath Converter



Alloy Wheel (Optional)



Divyarath & Tik Tiek Tubeless Rim with High Quality Material



Another manufacturer Mostly Activa profile with normal material Rim.



Tik Tiek Motor



Heavy Duty Divyarath Motor



Auto Category Wiring Harness from reputed manufacturer and conceal above chassis wiring



Tik Tiek Controller



Heavy Duty Divyarath Controller



Hydraulik Divyarath Shocker



Hydraulik Tik Tiek Shocker



Simplified Special Charging Socket With Power Cutoff Switch Suitable for Higher Ampere Current



Branded Battery for Pan India Services



VIN NUMBER VEHICLE DETAIL



HandBrake System



4 Pcs Tempered Material PATA from reputed Manufacturer



Using Asian Paint Colour



Branded MCB

DIVYA RATH™



Hydraulik Oil Breaker



Motorised Wiper



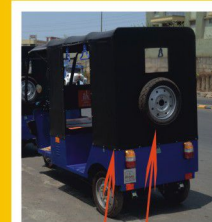
Analog Meter With KM and Charging of Divyarath



Front Glass of Tik Tiek



Handle & Meter of Tik Tiek



Back cover with Stepny in Tik Tiek

TIK TIEK™

Technical Specifications **TIK TIEK**™



DETAILS	PASSENGER CART	LOADER
Motor	1000 W	1000 W
Controller	24 Tubes/48 volts/50Amps	24 Tubes/48 volts/50Amps
Battery	12V-100Ah **	12V-100Ah **
Accelerator	Throttle two wheeler type	Throttle two wheeler type
Steering	Two wheeler type	Two wheeler type
Max. Travel Distance	80-100 km**	80-100 km**
Slope climbing Capacity	10 %	10 %
Brake Range	4<=M	4<=M
Carrying Capacity	380 Kgs	380 Kgs
Turning Radius	1.5 M	1.5 M
Weight with Battery	310 kg.	310 kg.
Chassis	Square Tubular Pipe (CRC)	Square Tubular Pipe (CRC)
Wheel Base	2225 MM	2225 MM
Roof	Fabric/FRP*	Fabric/FRP*
Wheel Track	837 MM	837 MM
Tyres	90-90/12 (Heavy Duty)	90-90/12 (Heavy Duty)
Dimension L*W*H	2780*1000*1800	2780*1000*1400
Cargo Box Dimension	N/A	1340 X 950 X 390
Charger Input Voltage	220V 50HZ	220V 50HZ
Charger Capacity	20AH-80AH/100AH	20AH-80AH/100AH
Charge Time	4-6 Hours	4-6 Hours
Power Consumption	6-10 K.W.H/100KM	6-40K.W.H/100KM
Charger Voltage	48 Volt SMPS with auto cutoff	48 Volt SMPS with auto cutoff
Max Speed	22 KM/H	22 KM/H
Suspension	Front hydraulic shockers and rear wheel spring leaf suspension	Front hydraulic shockers and rear wheel spring leaf suspension



Technical Specifications of “Divya Rath”™

PASSENGER CART



Motor	48V 1000W
Controller	24 Tubes 60 Amp
Battery	12V-100 Ah
Accelerator	Throttle two wheeler type
Steering	Two wheeler type
Max. travel Distance	80-100 km*
Slope climbing Capacity	7 %
Brake Range	2< = M
Carrying Capacity	380 Kg
Turning Radius	1.5 M
Weight with Battery	394 Kg
Chassis	Square Tubular Pipe (CRC)
Wheel Base	2100 MM
Roof	Fabric
Wheel Track	860 MM
Tyres	90-90/12 3.75-12 (Heavy Duty)
Dimension L*W*H	2610 * 1000 * 1780 in MM
Cargo Box Dimension	N/A
Charger Input Voltage	220V 50HZ
Charger Capacity	20AH-80AH/100AH
Charge Time	4-6 Hours
Power Consumption	6-10KW.H/100KM
Charger Voltage	48 Volt SMPS with auto cutoff
Max Speed	24 Km/ H
Suspension	Front hydraulic shockers and rear wheel spring leaf suspension
Rear Wheel Break	Hydraulic



Technical Specifications of “Divya Rath”™ E-LOADER / GARBAGE VEHICLE

	Loader Vehicle	Garbage Vehicle
Motor	48V 1000W	48V 1000W
Controller	24 Tubes 60 Amp	24 Tubes 60 Amp
Battery	12V-100 Ah*	12V-100 Ah*
Accelerator	Throttle two wheeler type	Throttle two wheeler type
Steering	Two wheeler type	Two wheeler type
Max. travel Distance	80-100km*	80-100km*
Slope climbing Capacity	7 %	7 %
Brake Range	2< = M	2< = M
Carrying Capacity	380 Kg	380 Kg
Turning Radius	1.5 M	1.5 M
Weight with Battery	392 Kg	As per Design
Chassis	Square Tubular Pipe (CRC)	Square Tubular Pipe (CRC)
Wheel Base	2100 MM	2100 MM
Roof	Fabric	Fabric
Wheel Track	860 MM	860 MM
Tyres	90-90/12 4.00/12 (Heavy Duty)	90-90/12 4.00/12 (Heavy Duty)
Dimension L*W*H	2610 * 1000 * 1780 in MM	2610 * 1000 * 1780 in MM
Cargo Box Dimension	1340 x 960 x 350 MM	N/A
Charger Input Voltage	220V 50HZ	220V 50HZ
Charger Capacity	20AH-80AH/100AH	20AH-80AH/100AH
Charge Time	4-6 Hours	4-6 Hours
Power Consumption	6-10KW.H/100KM	6-10KW.H/100KM
Charger Voltage	48 Volt SMPS with auto cutoff	48/60 Volt SMPS with auto cutoff
Max Speed	24 Km/H	24 Km/H
Suspension	Front hydraulic shockers and rear wheel spring leaf suspension	Front hydraulic shockers and rear wheel spring leaf suspension
Rear Wheel Break	Hydraulic	Hydraulic



CUSTOMISED - OFF ROAD VEHICLE'S

6 Seater Rickshaw

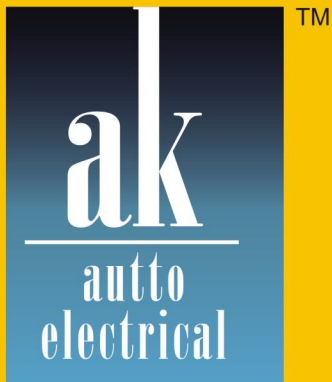


FOOD CART



Golf Cart





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Mfg. & Exporters of Electrical Vehicles

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Approved from:



Do You have a Dream Design for your Vehicle? We will build it !

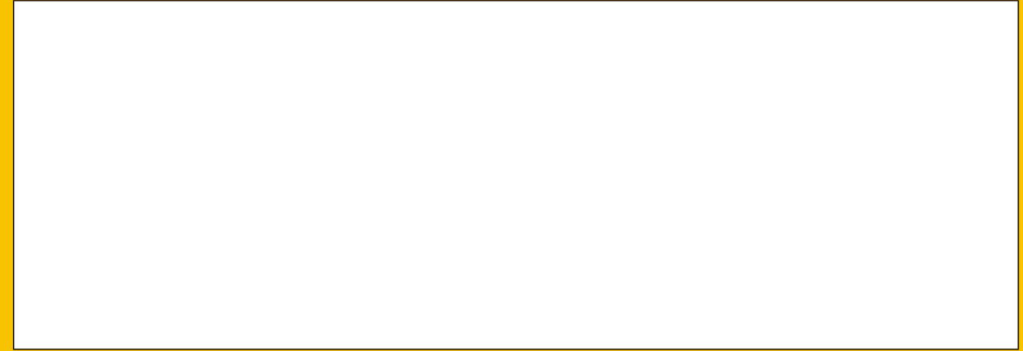
Central Institute of Road Transport

Colour Options



Dealer

C&F Distributor



December 2017
* Off Road Vehicles
** T&C Applicable