

Distributorship  
Exclusive to Andhra Pradesh,  
Telangana and South India

**RAPIDTRON**  
**ELECTRONIKA**  
PRIVATE LIMITED

*Powering the future ...*

[www.rapidtron.co.in](http://www.rapidtron.co.in)

**BASANTEE**  
eco drive

# Revolutionizing Urban Mobility



**Go Green Go Basantee**

Mfg. By: DYS Impex Pvt. Ltd.

## COMPANY PROFILE

Established in 2019, Rapidtron Electronika is a first generation entrepreneurs Who stands with a strong determination and resources to excel in their Endeavours. As professionals having over three decades of experience will be an added advantage to introduce many more products in the coming years. The Board and the key management team are well equipped to deal with the Ups and downs in the Industry. Currently manufacturing high quality EV chargers for both 2 & 3 wheelers and have taken distributorship for EV 3 wheelers(all Variants) to promote in the southern states of India. Have plans to manufacture 2 & 3 wheelers in Hyderabad (all variants) with JV/collaboration in the coming years.

## COMPANY PARTICULARS

Name	<b>RAPIDTRON ELECTRONIKA PRIVATE LIMITED</b>
CIN No.	U52609TG2019PTC132286
Registered & Corporate Office	Plot No . 1, 2 & 3, Survey No. 25, ANR Arcade, 2nd & 3rd Floor, Nagaram, Keesara Mandal, Medchal – Malkajgiri Dist., Hyderabad-500083, Telangana, India.
Factory / Manufacturer Address	M/s. DYS Impex Private Limited, Shiva Polymers Ground, Mouza Khalia, P.O. Chamryl, GI 6, Kona High Road, Howrah – 711114, Kolkata.
ICAT No. (FOR E-RICKSHAW)	CAKB0041
CIRT No. (FOR E-CART)	CIRT/CMVR/TA/2018/V01237/R930
World Manufacturer Identifier Code	M28 Positions 1, 2 & 3 of VIN (FOR CHASSIS NO.)
Contact Details	+91 91542 46609 / 15 / 18 +91 76600 01103 / +91 79890 25515

## PRODUCT RANGE



Passenger Transport

Comfortable and efficient e-rickshaws for urban commuting.



Brickfield Loader

Robust battery operated 3 Wheelers tailored for goods carriage



Garbage Dumper

Specialized 3-wheelers designed for efficient waste collection and disposal.

## PRODUCT RANGE



E Cargo Loader 700 KG



E Cargo Loader 1500 KG



E Cargo Loader 850

### Cargo Solutions

Robust battery operated 3 Wheelers tailored for goods carriage, ensuring timely and safe delivery.



## Brickfield Loader



### Specifications

Differential	33" Single speed variant
Chassis	GP Steelium Sheet IS 513;2008 - Tata/Sail
Body	Galvanized Pipe Confirming to IS : 1239
Tyre	3.75-12, 4 NOS
Charger	20/230 V Nominal Input Voltage, High Efficiency Type, 15A / 20A
Battery(Lead Acid / Li-Ion)	48 V, 100 AH Onwards
Front Suspension	Hydraulic Shocker
Rear Suspension	Leafspring
Brake Type	Drum



## Garbage Dumper

<b>DIFFERENTIAL</b>	<b>: 33" Autogear</b>
<b>POWER CONSUMPTION</b>	<b>: 6Kwh /100Km</b>
<b>MAX SPEED</b>	<b>: 25 Km / hr</b>
<b>VEHICLE CONTROLLER</b>	<b>: 36 Tube</b>
<b>CHARGER INPUT VOLTAGE</b>	<b>: 220 Volts 50Hz</b>
	<b>High Efficiency Type, 15A/ 20A</b>
<b>BATTERY(Lead Acid/Li-Ion)</b>	<b>: 48V- 100 AH Onwards</b>
<b>BATTERY QUANTITY</b>	<b>: 4No.s</b>
<b>CHARGER CAPACITY</b>	<b>: 15 A / 20 A</b>
<b>TYRES</b>	<b>: 3.75-12, 4No.s</b>
<b>WHEEL SIZE</b>	<b>: 12"</b>
<b>BRAKE TYPE</b>	<b>: Rear Oil Brake</b>
<b>DIMENSION</b>	<b>: 2.7 * 1 * 1 Mtrs</b>
<b>LOAD CAPACITY</b>	<b>: 310 Kg</b>
<b>CONTAINER VOLUME</b>	<b>: 0.53 Cum * 2</b>
<b>SPRING &amp; SHOCKER</b>	<b>: Heavy Duty 4No.s Springs with spring shocker</b>
<b>HYDRAULIC</b>	<b>: Manual / Automatic</b>

## E CARGO LOADER 700KG

### BRUSHLESS DC MOTOR

Rated power range **1200/1800 W** Rated speed **80%**  
Voltage **48 VDC** Reduction ratio **10:1**  
Rated torque **3.5/4 Nm** Protection **IP67**  
(Water Proof)

**12 Months Manufacturing Warranty**

### CONTROLLER

Operating Voltage **48 VDC** Cooling Type **Natural Cooled**  
Low Voltage Protection **42±0.5 VDC** No. of Mosfets **24**  
Max. Current **50 ADC** Efficiency **>90%**  
Protection Class **IP54**

**12 Months Manufacturing Warranty**



<b>DIFFERENTIAL</b>	: 40" Single speed variant
<b>CHASSIS</b>	: GP Steelium Sheet IS 513:2008 – Tata/Sail
<b>BODY</b>	: Galvanized Pipe Confirming to IS : 1239
<b>VEHICLE CERTIFICATION</b>	: ICAT
<b>NUMBER &amp; DATE</b>	: CAKB 0041 24.03.2015
<b>LENGTH(MTR)</b>	: 2.8 m
<b>WIDTH(MTR)</b>	: 1 m
<b>HEIGHT(MTR)</b>	: 1.8 m
<b>TYRE</b>	: 4.00- 12, 4No.'s
<b>CHARGER</b>	: 220/230 V Nominal Input Voltage, High Efficiency Type, 15A/ 20A
<b>BATTERY (Lead Acid/Li-Ion)</b>	: 130 AH 5 No.'s, Eastman, 1year warranty
<b>FRONT SUSPENSION</b>	: Hydraulic Shocker
<b>REAR SUSPENSION</b>	: Leaf spring
<b>BRAKE</b>	: Drum





## E Cargo Loader 850Kg

Specifications	
Carrier Size	6 ' x 4'
Motor	2 KW
Differential /Rear Axile	44 '
Tyre	165D 12/155D12 Rear Tyre, 400- 12 Front Tyre
Speed	25-30 km/hr
Milleage	80 km
Battery(Lead Acid/Li-Ion)	12V 160AH Leader / 145AH Eastman, 5 piece Onwards
Payload	850 kg
Brake	Drum brake

## Company Overview

Established in 2015, Basantee Eco Drive is a pioneering manufacturer of electric 3 wheelers, commonly referred to as e-rickshaws.

Our commitment lies in providing sustainable solutions for urban transportation challenges.

All vehicles are iCAT\* and CIRT\* approved.

Made in India - manufacturing units in Kolkata and

Jalapaiguri Installed capacity of 25000 units per year.

Proposed Manufacturing facility at Hyderabad with

Capacity of 25000 units per year.

All components are either indigenously developed or sourced from the top automobile component manufacturers like Exide/Eastman/Surya/Leader for battery, MRF for tyres, Asian Paint etc



Notes :- iCAT - International Centre for Automation Technology

CIRT has a comprehensive automotive component testing laboratory that is recognized by the Bureau of Indian Standards for testing a wide range of automotive components

## Quality Assurance

- ▶ Each e-rickshaw is crafted with precision, utilizing top-grade materials and innovative technology.
- ▶ Rigorous quality control measures ensure reliability and longevity of our products.

## Sustainable Solutions

- ▶ Contributing to environmental preservation by offering zero-emission transportation alternatives. Promoting cleaner and greener cities through our eco-friendly e-rickshaws.

## Industry Partnerships

- ▶ Collaborations with leading automobile component manufacturers such as Exide, Eastman, and Leader for batteries, and MRF for tires.
- ▶ Strategic alliances with suppliers ensure high-quality components for our e-rickshaws.

## Quality is our Priority

Our dedication to quality drives every aspect of our operations.

Our state-of-the-art facility integrates seamlessly, adhering to the highest standards of ethical employment and environmental responsibility.



## Manufacturing Facility





## Vision for the Future

Committed to ongoing innovation and R&D to meet evolving market demands and technological advancements.

Striving towards a future where sustainable transportation is accessible to one and all.

# THANK YOU

