

COMPAGE

COMPANY UPDATE

ICAT APPROVED BLDC MOTORS FOR E-RICKSHAW

New Models



**BLDC motors from 250 watts to 3.5 KW
readily available**

**Can also supply higher KW upto 32 KW
in specially designed topology**

NEWSLETTER

April, 2015

Compage Automation Systems Pvt. Ltd.
20 - 21, New DLF Industrial Area
Faridabad, Haryana – 121003
www.compageautomation.com

Contact | Email: info@compageautomation.com
Phone: +91 129 2272335, 2272336

- Power Rating: 850 Watt
- Gross Weight Load Capacity: 650 kg
- Improved design with reduced cogging
- Most Suitable for Lighter body E-rickshaw & 2 Seater E-Rickshaw

- Power Rating: 1250 Watt
- Gross Weight Load Capacity: 750 kg
- Improved design with reduced cogging
- High Degree Gradient
- Most suitable for Heavy Body E-Rickshaw & E-Cart
- Best In mileage

- Power Rating: 1600 Watt
- Gross Weight Load Capacity: 850 kg
- Improved design with reduced cogging
- Most Reliable for E-Cart, Golf Cart & Off Road Electric Vehicles
- Best performance in Hill Areas

COMPAGE BLDC MOTORS APPROVED BY CAT

ONE YEAR WARRANTY ON ALL COMPAGE MOTORS

COMPARE OUR QUALITY AND PRICE WITH IMPORTED MOTORS

Compage Automation Systems Pvt. Ltd.
www.compageautomation.com

U.P. Government issues tender for Supply of E-rickshaw

U.P. Government issued Tender on 28th March 2015 inviting offers from manufacturers of E-Rickshaw for supply of 27000 E-Rickshaws and also for their Maintenance Services & establishment of Battery Charging & Service Centers.

This is a great initiative to free poor cycle rickshaw pullers from arduous regime of **Man pulling Man**. It is hoped that other states will soon follow the initiative of the UP Govt.

Innovations and trends

Passenger E-Rickshaws going in market are turning smaller i.e. driver + 2-3 seater. Vehicles with 850/900 Kg Excel Weight are going for distribution vehicles and loaders. The market for battery bus/mini bus will open soon in case Government takes initiative.

In India consumers tend to misuse the vehicle and overload the vehicle beyond capacity, particularly when not owner driven. The mechanicals are designed with certain design margin to allow overloading for some time. Still vehicles breakdown due to bad roads and overloading. The driver's life is in danger if over loading and over speeding take place at the same time.

In case of electric vehicles, it is possible to generate a warning or to slow down the speed if the vehicle is overloaded or to provide a "tripping" mechanism beyond a certain load.

Soon the versions will be in market when braking energy will go back to battery.

If the correct technology comes as hybrid then there is no stopping. Because fuel bill in normal vehicle will be reduced to 10% and the pollution control spending will go down for the Government

E-Rickshaw is an amazing vehicle which has:

1. Less or No pollution.
2. Cheaper operating cost per mile.
3. Does not burn any energy when standing still or on red light stoppages.
4. Affordable for poor people to acquire as the capital cost is much lower than petrol/diesel driven auto-rickshaw.
5. No dependence on imports to manufacture E-Rickshaw as all critical components are now being manufactured in India.
6. Huge import savings on running fuel as does not require imported crude.

