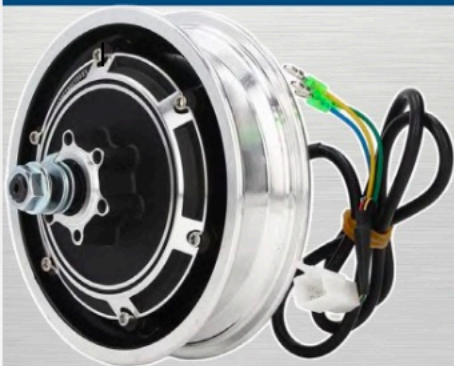


## A game-changing rare-earth Magnet free IFM Hub Motor for India



- 60 V DC
- Maximum current 120 Arms
- Maximum peak torque 120Nm
- Maximum power 5.6kW
- Maximum continuous speed 1,000 RPM
- Continuous torque 72Nm
- Continuous power 3kW
- Maximum efficiency 92%
- **Weight 13.5kg**
- Ingress Protection IP67
- Environmental temperature limits -20C to 60C
- 10 inch tubeless tire to suit 62mm rim.
- [Can be customized.](#)

36 stator slot, concentrated aluminium winding 40 pole rotor using ferrite magnets using patented process & design. Can be configured for Drum or Disc brake. Requires a PMSM / FOC Inverter (Sinusoidal / Field-Oriented Control) Designed for efficient manufacturing in excess of 5,000 motors per month in India with a manufacturing cost of **under \$60.00!**

## A game-changing rare-earth Magnet free IFM Mid-mount Motor for India



- 48-90 V DC
- Maximum current 200 Arms @ 70V
- Maximum peak torque 75Nm
- Maximum power 14kW
- Maximum continuous speed 6,000 RPM
- Continuous torque 40Nm
- Continuous power 8.5kW with forced air flow
- Maximum efficiency 94%
- **Weight 13.0kg**
- Ingress Protection IP67
- Environmental temperature limits -20C to 60C
- Designed for chain/belt drive with internal spline and double bearing support
- [Can be customized.](#)

24 stator slot, concentrated aluminium winding 16 pole rotor using ferrite magnets using patented process & design. Requires a PMSM / FOC Inverter (Sinusoidal / Field-Oriented Control) Designed for efficient manufacturing in excess of 5,000 motors per month in India with a manufacturing cost of **under \$60.00!**

Designed by a global Team of EV Motor Technologists for prototype development in Taiwan and scale manufacturing in India. We invite Indian Investors to participate in the last mile development and license manufacturing.

Email us for more information at [peter@umtt.com.tw](mailto:peter@umtt.com.tw)