



Our product, our pride


- ATUM Motor prioritises innovation and safety. Made in-house by our team of expert engineers and R&D prodigies, we're committed to bringing you custom motors for your fleet of electric vehicles, ready for dispatch only after the most stringent safety checks and exhaustive trials.



ARAI APPROVED

IP67 COMPLIANT

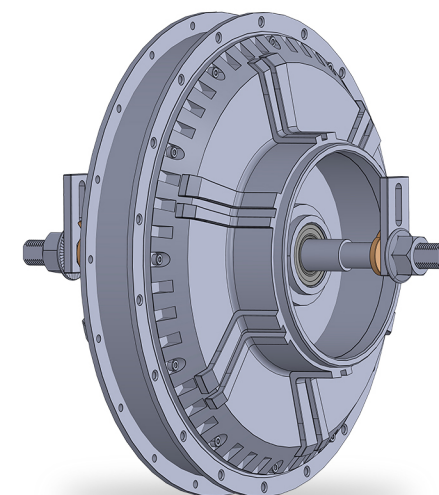
Get In Touch

 ATUM MOTOR PVT LTD ,
Visaka Towers, SP Road, 1-8-303/69/3
Begumpet - 500 003

 9063686837

 www.atummotors.com

ATUM MOTOR
REDEFINING ELECTRIC MOBILITY



About

You've got the EV, we've got the motor. We're proud to introduce ATUM Motor - our range of technologically superior motors that elevate any electric vehicle's performance infinitely while keeping in mind the highest safety standards. We're here to indigenize electric vehicles, right down to the motor.

Made by proud Indians

⚙️ We're vocal for local and proud to be a made in India motor built keeping in mind Indian-made EVs, Indian terrains, varying climates and temperatures and other crucial aspects that are unique to our unique country.

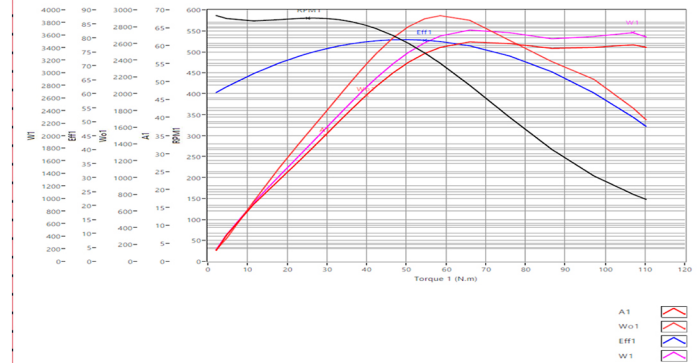
Net zero manufacturing

⚙️ ATUM motors are manufactured at a Net Zero production plant at Patancheru, Telangana, which is powered by ATUM Solar – The World's 1st Integrated Solar Roof, making the entire journey of motor manufacturing 100% sustainable from start to finish.

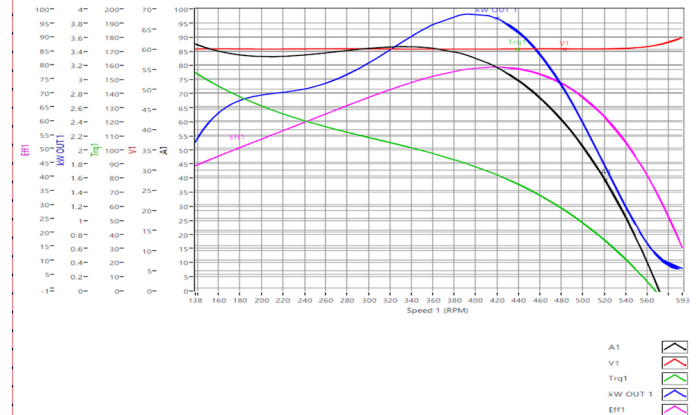
Powers every EV

⚙️ ATUM motors come in a range of capacities and modules to give every EV its peak performance. With our network and expertise, we're ready to match the growing manufacturing speed and supply of electric vehicles in the country.

Motor Specifications		1.5KW
Parameter	Unit	Value
Operating Voltage	V	60
Rated Current	Amps	29
Peak Current	Amps	60
Rotor Configuration	Outer rotor-NdfeB Magnets	
Speed Range for Motor	RPM	850
Motor Rated Speed	RPM	580
Peak Motor Output Torque	Nm	110-120
Continuous Motor Output Torque	Nm	25
Speed Range for Continuous Torque	RPM	580
Peak Power	Kw	3
Continuous Power	Kw	1.5
Maximum Efficiency	%	> 85
Cooling		Passive



Motor Specifications		3KW
Parameter	Unit	Value
Operating Voltage	V	60
Rated Current	Amps	60
Peak Current	Amps	90
Rotor Configuration	Outer rotor-NdfeB Magnets	
Speed Range for Motor	RPM	800
Motor Rated Speed	RPM	580
Peak Motor Output Torque	Nm	140
Continuous Motor Output Torque	Nm	60
Speed Range for Continuous Torque	RPM	500
Peak Power	Kw	4
Continuous Power	Kw	3
Maximum Efficiency	%	> 85
Cooling		Passive



Controller Specifications		
Parameter	Unit	Value
Motor Type (BLDC/PMSM)	BLDC	BLDC
Pole Pairs		28
Shift Angle	-1.8	-1.8
Power (Rated/Peak)	1.5/3.0 KW	3.0 / 4.0 KW
Peak Current	60 A	150A
Max.No Load RPM	800	800
Phase Shift Value	120	120
U-V-W Setting	Y-G-B	Y-G-B
Position Sensor Type	Hall	Hall
Position Sensor Signal Type	Linear	Linear
Position Sensor Sequence	Y-G-B	Y-G-B
IP	56	56

