

New Specifications	C12i MAX 2.0	C12i EX	C12i MAX
Performance			
Power Train Type	PMSM HUB	PMSM HUB	PMSM HUB
Motor Power Peak (w)	2500	2500	2500
Continuous power (w)	1500	1500	1500
Max Speed (km/h)	60+/-2	60+/-2	60+/-2
Acceleration 0-40 (km/h)	8.5 seconds	8.5 seconds	8.5 seconds
ARAI Certified Range (km)	123* Km	85* Km	135* Km
Motor IP Rating	IP67	IP67	IP67
Gradeability (Single Rider - 75kg)	14±2°	14±2°	14±2°
Gradeability (Double Rider - 150kg)	10±2°	10±2°	10±2°
Controller Rating	IP65	IP65	IP65
Mode 1 - Eco (Km/h)	45+/-2	45+/-2	45+/-2
Mode 2 - Sport (Km/h)	60+/-2	60+/-2	60+/-2
Reverse Mode	NA	NA	NA
Battery & Charger			
<u>Primary Battery</u>			
Installed Capacity	2.7 kWh - CAN Enabled	2.0 kWh - CAN Enabled	3.2 kWh - CAN Enabled
Usable capacity	2.5 kWh	1.85 kWh	2.7 kWh
Cell Type	Lithium ion cells - LFP	Lithium ion cells - LFP	Advanced 21700 Lithium Ion Cells
Battery weight	25 Kg	20 Kg	20 Kg
Battery IP Rating	IP 67	IP 67	IP 67
Battery Case	Aluminium	Aluminium	Aluminium
Connector	Chogori Connector	Chogori Connector	Chogori Connector
Cooling	NA	NA	Active cooling by Fan (at higher temperature)
Removable	Yes, by using tools	Yes, by using tools	Yes, by using tools

<u>Primary Charger</u>			
Charger Rating	10 Ampere - CAN Enabled	7.5 Ampere - CAN Enabled	10 Ampere - CAN Enabled
Charging Time 0 - 80%	3 hrs 30 min to 4 hrs	3 hrs to 3 hrs 15 mins	4 to 4 hrs 15 min
Charging Time 0 - 100%	4 hrs 30 min to 5 hrs	4 hrs 15 mins to 4 hrs 30 mins	6 to 7 hrs
<u>Secondary Battery</u>			
Battery Type	VRLA Maintenance free battery 12V 4Ah	VRLA Maintenance free battery 12V 4Ah	VRLA Maintenance free battery 12V 4Ah
Peripherals			
Speedometer	CAN Enabled Digital Console	CAN Enabled Digital Console	CAN Enabled Digital Console
Water Wading Limit	300 mm	300 mm	300 mm
Body & Dimensions			
Vehicle Weight (Kg)	113	106	110
Length (mm)	1825	1825	1825
Width (mm)	697	697	697
Height (mm)	1150	1150	1150
Wheelbase (mm)	1292	1292	1292
Rider Seat Height (mm)	765	765	765
Seat Length (mm)	774	774	774
Ground Clearance (mm)	155	155	155
Vehicle Body Panels	Plastic (ABS&PP)	Plastic (ABS&PP)	Plastic (ABS&PP)
Chassis Type	Tubular Chassis	Tubular Chassis	Tubular Chassis
Side Stand	Yes	Yes	Yes
Main Stand	Yes	Yes	Yes
Footboard Storage	Yes	Yes	Yes

Wheels, Tyres, Brakes & Suspension			
Wheel Type	Steel Wheel	Steel Wheel	Steel Wheel
Tyre Type	Tubeless	Tubeless	Tubeless
Front Tyre Dim	90/90-304.8 (12 inch)	90/90-304.8 (12 inch)	90/90-304.8 (12 inch)
Rear Tyre Dim	90/100-254 (10 inch)	90/100-254 (10 inch)	90/100-254 (10 inch)
Front Brake Type	Drum (Dia 130mm)	Drum (Dia 130mm)	Drum (Dia 130mm)
Rear Brake Type	Drum - CBS (Dia 130mm)	Drum - CBS (Dia 130mm)	Drum - CBS (Dia 130mm)
Regenerating Braking	Yes	Yes	Yes
Front Suspension	Hydraulic Telescopic	Hydraulic Telescopic	Hydraulic Telescopic
Rear Shock Absorber	Double Hydraulic Spring - 4 Step Adjustable	Double Hydraulic Spring - 4 Step Adjustable	Double Hydraulic Spring - 4 Step Adjustable
Frames & Suspensions			
Standard Payload (Kgs)	150	150	150
Lights			
Head light	LED	LED	LED
Tail light	LED	LED	LED
Indicator lights	LED	LED	LED
DRL light	LED	LED	LED
Smart Features			
Communication Protocol	CAN 2.0	CAN 2.0	CAN 2.0
Distance to Empty	Yes	Yes	Yes
Motor to Function while Braking	Yes	Yes	Yes

Limphome mode on low SOC	Yes	Yes	Yes
Side Stand Sensor	Yes	Yes	Yes
USB Charging	Yes	Yes	Yes
App Based Smart Features			
Charging point location	Yes	Yes	Yes
User manual	Yes	Yes	Yes
Service coupon	Yes	Yes	Yes
Warranty			
Battery	36,000 Kms or 3 years*	36,000 Kms or 3 years*	36,000 Kms or 3 years*
Motor	36,000 Kms or 3 years*	36,000 Kms or 3 years*	36,000 Kms or 3 years*
Charger	36,000 Kms or 3 years*	36,000 Kms or 3 years*	36,000 Kms or 3 years*
Vehicle	36,000 Kms or 3 years*	36,000 Kms or 3 years*	36,000 Kms or 3 years*
Battery - Extended Warranty	50,000 Kms or 5 years*	-	50,000 Kms or 5 years*
Yellow Techno, Red black, Foliage Green, Pearl white, Shiny silver, Matte Bgauss blue, Brooklyn black			
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