

 Bgauss Auto Pvt Ltd			
Technical Specification			
New Specifications	OoWah EX	OoWah EX Plus	OoWah MAX Plus
Performance			
Power Train Type	PMSM HUB	PMSM HUB	PMSM HUB
Motor Power Peak (w)	2400	2400	2400
Continuous power (w)	1500	1500	1500
Max Speed (km/h)	60+/-2	60+/-2	60+/-2
Acceleration 0-40 (km/h)	8 seconds	8 seconds	8 seconds
ARAI Certified Range (km)	105* Km	105* Km	145* Km
Motor IP Rating	IP67	IP67	IP67
Gradeability (Single Rider - 75kg)	14±2°	14±2°	14±2°
Gradeability (Double Rider - 150kg)	11±2°	11±2°	11±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	Yes	Yes	Yes
Battery & Charger			
<u>Primary Battery</u>			
Installed Capacity	2.3 kWh - CAN Enabled	2.3 kWh - CAN Enabled	3.0 kWh - CAN Enabled
Battery weight	20 Kg	20 Kg	26 Kg
Battery IP Rating	IP 67	IP 67	IP 67
Battery Case	Aluminium	Aluminium	Aluminium
Cooling	Natural Cooling	Natural Cooling	Natural Cooling
Removable	Yes, by using tools	Yes, by using tools	Yes, by using tools
<u>Primary Charger</u>			
Charger IP Rating	IP 67	IP 67	IP 67
Charger Type	Offboard	Offboard	Offboard
Charging Time 0 - 80%	4Hrs 5mins(500W), 2Hrs 50mins(750W), 1Hr 30mins(1350W)	4Hrs 5mins(500W), 2Hrs 50mins(750W), 1Hr 30mins(1350W)	5Hrs 15mins(500W), 3Hrs 30mins(750W), 1Hr 55mins(1350W)
Charging Time 0 - 100%	5Hrs 15mins(500W), 3Hrs 45mins(750W), 2Hr 10mins(1350W)	5Hrs 15mins(500W), 3Hrs 45mins(750W), 2Hr 10mins(1350W)	6Hrs 50mins(500W), 4Hrs 55mins(750W), 2Hr 50mins(1350W)
<u>Secondary Battery</u>			
Battery Type	NA	NA	NA
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)	97	97	104
Length (mm)	1730	1730	1730
Width (mm)	750	750	750
Height (mm)	1125	1125	1125
Wheelbase (mm)	1240	1240	1240
Rider Seat Height (mm)	765	765	765
Seat Length (mm)	764	764	764
Ground Clearance (mm)	160	160	160
Vehicle Body Panels	Plastic (PP)	Plastic (PP)	Plastic (PP)
Chassis Type	Tubular Chassis	Tubular Chassis	Tubular Chassis
Side Stand	Yes	Yes	Yes
Main Stand	Yes	Yes	Yes
Wheels, Tyres, Brakes & Suspension			
Wheel Type	Steel Wheel	Steel Wheel	Steel Wheel
Tyre Type	Tubeless	Tubeless	Tubeless
Front Tyre Dim	10 x 3.0 (10 inch)	10 x 3.0 (10 inch)	10 x 3.0 (10 inch)
Rear Tyre Dim	10 x 3.0 (10 inch)	10 x 3.0 (10 inch)	10 x 3.0 (10 inch)
Front Brake Type	Drum (Dia 110mm)	Drum (Dia 110mm)	Drum (Dia 110mm)
Rear Brake Type	Drum - CBS (Dia 110mm)	Drum - CBS (Dia 110mm)	Drum - CBS (Dia 110mm)
Regenerating Braking	Yes	Yes	Yes
Front Suspension	Hydraulic Telescopic	Hydraulic Telescopic	Hydraulic Telescopic
Rear Shock Absorber	Double Hydraulic Spring	Double Hydraulic Spring	Double Hydraulic Spring
Frames & Suspensions			
Standard Payload (Kgs)	150	150	150
Lights			
Head light	LED	LED	LED
Tail light	LED	LED	LED
Indicator lights	LED	LED	LED
Number plate lamp	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
Limp home mode on low SOC	Yes	Yes	Yes

Side Stand Sensor	Yes	Yes	Yes
USB Charging	Yes	Yes	Yes
App Based Smart Features			
User manual	Yes	Yes	Yes
Service coupon	Yes	Yes	Yes
OOWAH EX Colors* - Cloud white, Laguna Blue, Sage Green OOWAH MAX PLUS & OOWAH EX PLUS Colors* - TANGY TOMA, ZESTY RED, Jamun Punch, Emerald Shadow OOWAH MAX PLUS & OOWAH EX PLUS introduced with integrated new headlamp. OOWAH EX PLUS vehicle is under homologation, hence specifications can change post homologation.			
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