

**AJANTA MANUFACTURING PRIVATE LIMITED (OREVA E BIKE DIVISION)**

TECHNICAL SPECIFICATION -ELECTRIC 2 WHELLER ( 500W)

**DETAILS OF VEHICLE MANUFACTURER ALISH PLUS****DESCRIPTION OF THE TRACTION MOTOR**

1	TYPE	DC BRUSHLESS MOTOR
2	TRANSMISSION ARRANGEMENT	DIRECT
3	TEST VOLTAGE	48V
4	MAX.30MIN.MOTOR POWER	500WATT

**VEHICLE TYPE**

1	MAX.DESIGN SPEED,KM/H	35-40KM/HR
2	MAX.POWER(W)	500WATT
3	TYPE OF 2W ELECTRIC VEHICLE(WITH/WITHOUT PEDAL ASSISTANCE)	WITHOUT PEDAL

**WEIGHTS**

1	VEHICLE KERB WEIGHT , KG	75KG
2	MAXIMUM GROSS VEHICLE WEIGHT ,KG	65KG
3	MAXIMUM GROSS VEHICLE WEIGHT (WITHOUT BATTERY),KG	57KG

**SEATING CAPACITY**

1	MAXIMUM CAPACITY ( INCLUDING DRIVER)	TWO PERSON
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**VEHICLE DIMENSIONS**

1	LENGTH , MM	1820MM
2	WIDTH , MM	685MM
3	HEIGHT,MM	1150MM

**TYERS**

1	TYER TYPE (RADIAL/CROSS PLY) ( WITH TUBE/TUBE LESS), SIZE & PLY	CROSS PLY, 16"*3.0" WITH TUBE 4 PLY
2	DYNAMIC ROLLING RADIUS MM	450MM
3	INFLATION PRESSURE -OF FRONT KG/CM <sup>2</sup>	30 PSI
4	INFLATION PRESSURE -OF REAR KG/CM <sup>2</sup>	35PSI
5	INFLATION PRESSURE -OF KG/CM <sup>2</sup>	45PSI
6	MAKE OF TYRE & COUNTRY OF ORIGIN	RALSON-INDIA

7	MATERIAL TUBE AND TYRE	NYLON
<b>BRAKING SYSTEM</b>		
1	TYPE	SHOE
2	FRONT (DISC OR DRUM )	DRUM, BRAKE DIA 110MM
3	REAR (DISC OR DRUM )	DRUM, BRAKE DIA 110MM
<b>DESCRIPTION OF THE BATTERY</b>		
4	VOLTAGE	48V
5	CAPACITY	24AH
7	KIND OF ELECTRO	CHEMICAL PROCESS
<b>CHASSIS FRAME</b>		
1	CHASSIS NO OF BIKE	
2	TYPE (MONOCOQUE/TUBULAR/COMBINATION)	COMBINATION
3	LOCATION OF MOTOR(FRONT/REAR/CENTRE)	REAR
4	CHASSIS COLOUR	BLACK
5	SIDE/MAIN STAND COLOUR	BLACK
<b>POWER CONTROLLER</b>		
1	TYPE	CLOSED LOOP
2	BRAKE TYPE	E-ABS
3	RUNNING MOTOR CURRENT	12 AMP
4	RATED VOLTAGE	48V
5	UNDER PROTECTION VOLTAGE	42V
6	POWER	500 W
7	TYPE	BLDC CONTROLLER
8	MODEL NO	OCO-107D
9	MAXIMUM POWER KW	0.50KW
10	MAXIMUM THIRTY MINIT SPEED ,KM/HR	35-40KM/HR