

AJANTA MANUFACTURING PRIVATE LIMITED (OREVA E BIKE DIVISION)		
TECHNICAL SPECIFICATION -ELECTRIC 2 WHELLER (BELOW 250W)		
DETAILS OF VEHICLE MANUFACTURER - AARIEYANA		
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	35-40 KM/HR
2	MAX.POWER(W)	500WATT
3	TYPE OF 2W ELECTRIC VEHICLE(WITH/WITHOUT PEDAL ASSISTANCE)	WITHOUT PEDAL
WEIGHTS		
1	VEHICLE KERB WEIGHT , KG	77KG
2	MAXIMUM GROSS VEHICLE WEIGHT ,KG	73KG
3	MAXIMUM GROSS VEHICLE WEIGHT (WITHOUT BATTERY),KG	45KG
SEATING CAPACITY		
1	MAXIMUM CAPACITY (INCLUDING DRIVER)	ONE PERSON
VEHICLE DIMENSIONS		
1	LENGTH , MM	1690MM
2	WIDTH , MM	660MM
3	HEIGHT,MM	1010MM
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 ²	30 PSI
4	INFLATION PRESSURE -OF REAR KG/CM ²	35PSI
5	INFLATION PRESSURE -OF KG/CM ²	45PSI
6	MAKE OF TYRE & COUNTRY OF ORIGIN	RALSON-INDIA
7	MATIRIAL TUBE AND TYRE	NYLON
BRAKING SYSTEM		
1	TYPE	SHOE
2	FRONT (DISC OR DRUM)	DRUM, BRAKE DIA 110MM
3	REAR (DISC OR DRUM)	DRUM, BRAKE DIA 110MM
DESCRIPATION OF THE TRACTION BATTERY		
1	MAKE OF BATTERY & COUNTRY OF ORIGIN	ASHINE INDUSTRY COMPANY LIMITED-CHINA
2	TRADE NAME	GUANGZHOU PALMA BATTERY CO.LTD
3	TYPE	VRLA (SEALED LEAD ACID BATTERY)
4	VOLTAGE	12V*4PCS=48V
5	CAPACITY	24AH
6	MAXIMUM CHARGE CURRENT	2.8 TO 3 AMP
7	BATTERY LENGTH	180MM
8	BATTERY HEIGHT	167MM
9	BATTERY WIDTH	75MM
10	BATTERY MODEL NO.	PMH24-12 (12V24AH)
9	DISCHARGING TIME	
13	KIND OF ELECTRO	CHEMICAL PROCESS
	ON BOARD INDICATION OF BATTERY STATE OF CHAGE	YES

CHASSIS FREAM		
1	TYPE (MONOCOQUE/TUBULAR/COMBINATION)	COMBINATION
2	LOCATION OF MOTOR(FRONT/REAR/CENTRE)	REAR
3	CHASSIS COLOUR	BLACK
4	SIDE/MAIN STAND COLOUR	BLACK
CHARGER		
1	ON BOARD /EXTERNAL	EXTERNAL
2	MAKE MODEL RATING	2.8AMP 3AMP
3	SPECIFICATION OF MAIN SUPPLY	230V±20%
4	CONSTANT CHARGING VOLTAGE	58.5 V-59V
5	RECOMMENDED DURATION OF A COMPLITE CHARGE	8 TO 10HR
6	RIDING RANGE PER CHARGE	UP TO 50-55 KM/HR
7	CHARGING INDICATION ON CHARGER	GREEN-CHARGE , RED-DISCHARGE
8	AUTO CUT OFF CONTROLLER	YES
9	MODEL NO.	OCH-107
POWER CONTROLLER		
1	TYPE	CLOSED LOOP
2	BRAKE TYPE	E-ABS
3	RUNNING MOTOR CURRENT	4.9AMP
4	RATED VOLTAGE	48V
5	UNDER PROTECTION VOLTAGE	42V FOR LEAD /39V FOR LI-ION
6	POWER	500W
7	TYPE	BLDC CONTROLLER
8	MODEL NO	OCO-107D
10	MAXIMUM POWER KW	0.25KW