

AJANTA MANUFACTURING PRIVATE LIMITED (OREVA E BIKE DIVISION)

TECHNICAL SPECIFICATION -ELECTRIC 2 WHELLER (500W)

DETAILS OF VEHICLE MANUFACTURER ADIDEV (PET+)**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 |
|---|--------------------------------------|------------|

VEHICLE DIMENSIONS

| | | |
|---|-------------|--------|
| 1 | LENGTH , MM | 1750MM |
| 2 | WIDTH , MM | 670MM |
| 3 | HEIGHT,MM | 1030MM |

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 | MATERIAL 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 |
| DESCRIPTION OF THE BATTERY | | |
| 4 | VOLTAGE | 48V |
| 5 | CAPACITY | 24AH |
| 7 | KIND OF ELECTRO | CHEMICAL PROCESS |
| CHASSIS FRAME | | |
| 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 |
| POWER CONTROLLER | | |
| 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 |