



epluto **7G**
Owner's Manual



EPLUTO 7G® OWNER MANUAL

PUR ENERGY LTD.

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Dear Customer,

Greetings on purchasing the PURE EPLUTO 7GR, India's premium electric Scooter that is manufactured by PuR Energy Ltd.

Before you begin riding, please go through this manual to familiarize yourself with the mechanism and controls of the EPluto 7G^R, and with its proper care and maintenance to ensure a long trouble-free ride.

Keeping the batteries in good health is vital for the economy and reliability of the EPluto 7G^R.

Enjoy the PURE ride!

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DISCLAIMER

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1 About EPLUTO 7G^R

Specifications & Features

Alloy Rim	*68 Kmph Top Speed
60 V 20 Tubes Vector Looped Controller	Motor: 1.5 KW nominal and 2.2 KW Peak
67.2V, 10A Charger	2.5 KWh Patented High Performance PURE Lithium Battery
Comfortable Seat for 2 PAX	LED Display
Tyre - Front: 90/100-10, Rear: 3.00-10	Front Disc and Rear Drum Brakes
Twist Throttle	Active BMS
150 Kgs Load Capacity	76 Kgs Kerb Weight
Regenerative Braking	4 Hrs Charging Time
Portable Battery Pack	Smart Anti-Theft Locking

*Under Standard Conditions

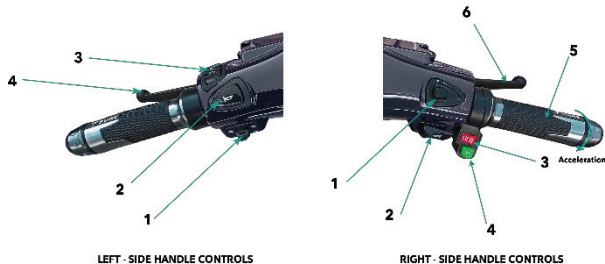
EPluto 7GR Kit

- **EPluto 7G^R Battery**
- **1 Owner's Manual**
- **4 Keys and 2 Remotes**
- **1 First Aid Kit**
- **1 Tool Kit**
- **1 Charger**
- **(Optional) Other accessories: Side Guards, Helmet Lock, Foot Mat, Seat Cover, Mud Guard Flap**



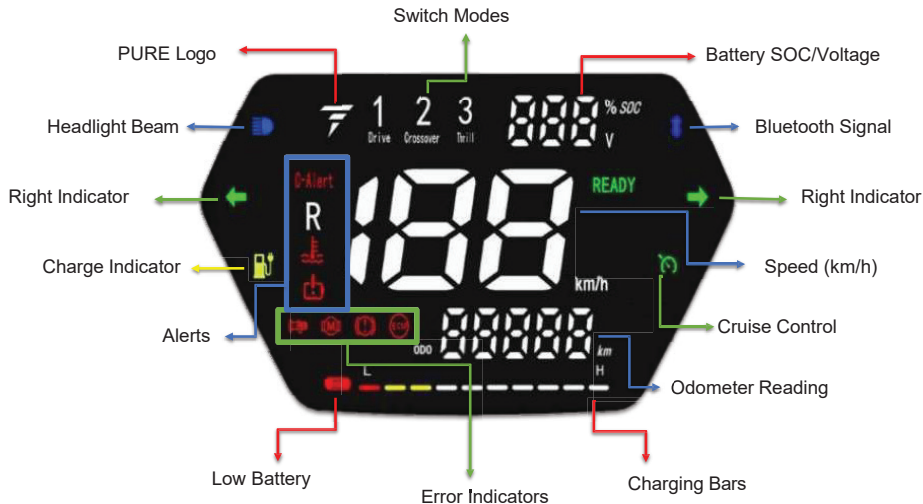
1.	Rear View Mirrors
2.	Head Light
3.	Left Brake Lever
4.	Front Number Plate
5.	Front Storage Box
6.	Smart Keys
7.	Front Luggage Hook
8.	Side Stand
9.	External Charging Port
10.	Middle Stand
11.	Ladies Footrest (Side Foot Rest)
12.	Back Number Plate
13.	Back Grip (Back Rail)
14.	Boot Space Lock
15.	LED Display

A.	Battery
B.	MCB



Left Side Handle Controls	Right Side Handle Controls
1. Side Indicator Switch	1. Headlight / Back Light (Off/No) Switch
2. Horn Switch	2. Reverse Mode
3. High / Low Beam Switch	3. Speed Mode Selection Switch
4. Rear Brake Lever	4. Parking Switch
	5. Twist Throttle (Accelerator)
	6. Front Brake Lever

Display Configuration



SOC/Battery voltage Indication



Voltage Of The Battery : This will be displayed on the speedometer when the ignition is turned on.

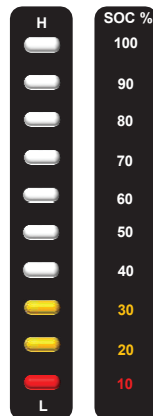
SOC Percentage: The corresponding percentage of the voltage terms of SOC % will be shown on the speedometer during the entire drive

Percentage of Battery SOC

The symbol 'H' indicates that the battery is fully charged which indicates that the corresponding soc is 100%

When the battery SOC is reached below 25% ,bars are displayed yellow in color and C - Alert start blinking in the display which indicates that the battery should be kept charging.

When the bars are displayed red in color it means, battery is discharged completely and not recommended to ride.



Fully Charged



Keep Charging



Battery Low Warning

Error Indication

Sometimes vehicles will give the troubles during the ride which makes the rider feels perplex to find out the exact issue. And the below mentioned symbols will represents the root cause of the issues for better understanding.



Throttle Error: The throttle symbol will reflect on the display due to failure of throttle or any loose contact/connections from the throttle to the controller.



Motor Error : The "M" symbol indicates that issue is with Electric Motor or due to any loose contact and connections issue.



Brake Signal : Whenever brake is applied ,the signal will be displayed in the speedometer automatically.



ECU Error : This "ECU" symbol is related to the controller failure or due to connections error.

Additional Alerts for safety of the battery

For a safe and secure ride, phase II batteries were compiled of threshold values for raise in temperature and this symbolic representation is also added in the updated speedometer for alerting a rider.



Charging Alert : When the Battery SOC displays yellow the Charging Alert (C -Alert) will start blinking which says that the customer should charge the battery immediately

Temperature Alert: When the temperature of the battery exceeds the threshold value limit, this alert will be displayed and this represents that the battery should take the appropriate rest at below room temperature

Battery Error : When the battery fault occurs, this symbol will be displayed on the speedometer along with Error Code().

Smart Lock



- | | |
|----|-------------------|
| 1. | Panic/ LockButton |
| 2. | Unlock Button |
| 3. | Ignition Button |
| 4. | Key Holder |

Feel modish with the smart locking system for the EPluto 7G[®]. The device allows you to ride your EPluto 7G[®] without any key and is loaded with anti-theft abilities. The transponder that is built into the ignition key carries a unique identification code. The vehicle unlocks when the code on the key matches with the code of the receiver inside the vehicle.

The Ignition Switch

This mode allows you to turn your vehicle on/off overriding the need for the key. You can drive your EPluto just with a press of a button. Also, it triggers a sound with blink of tail light helping you find your ride in the parking area.

The Lock Mode

This mode locks down the vehicle centrally. Any kind of impact, activity or attempt to start/move the vehicle even using its own mechanical key triggers an alarm. The main function is to cut down the supply irrespective of the vehicle being in any state (operating or standstill).

The Unlock Mode

The dealarm the vehicle for any kind of activity and it can be started or operated with the keys in this mode.

**The Panic Mode**

Trigger an alarm with a single press. Pressing any key will deactivate this alarm.



Features

Smart AI for Battery Longevity	SoC-based Auto Discharge AI-Monitored SoH for Performance 50% Longer Battery Life Upgradeable Firmware High-End Processing Power
Swift Throttle Response	Smooth kick- off acceleration for a fine rider experience
Highly efficient Powertrain	The new powertrain operates with an efficiency of 92%.
HillStart Assist	Slope Rollback Prevention during Brake-to-Throttle Transition
DownHill Assist	Slope DescentSpeed Control/Lock Enabled
Reverse Mode	ePluto 7G can roll backwards at sensible speed with the reverse mode
Parking Assist	Reduces manual effort while parking in tight parking spaces
Smart Regenerative Braking	Regenerative braking optimized based on SoC & Riding Modes.
Coasting Regen	Charging during Vehicle Deceleration (No Brake Required)
Enhanced Electric braking system	30% Improvement in the Response time of braking system



Force Panic ON Operation and Automatic Activation of Immobilisation

If the vehicle is in running condition and the lock button is pressed, it overrides the key operation and turns the vehicle off (immobilise) triggering an alarm until it is unlocked using the Smart Key.

Vehicle Search

If lock button of the ignition button is pressed the vehicle gives a sound output, also flashing its side indicators. This helps in finding your vehicle in complex and big parking areas

Note:

- Do not attach any heavy or large objects to the Smart Key.
- Keep the Smart Key away from strong magnetic fields. Otherwise, the remote-control function could be affected.
- The transmitter operation may face interference in case of the Smart Key being close to a radio transmitter such as radio stations.
- Don't playfully operate Unlock button/ Ignition Button of remote in the vicinity of your vehicle, as it could lead to an unintentional unlocking your vehicle.
- It is always advisable to carry the key and Smart Key together.



Driving your PURE EPluto 7G^R:

- Take EPluto 7G^R off the side stand.
- Check for the recommended tyre pressure (30-35 psi) for smooth running.
- Sit on the EPluto 7G^R and ensure the battery is charged.
- Turn on the Ignition key (Clockwise).
- Press the parking button on the right hand side (with **"P"** symbol).
- Slowly twist the throttle to get the EPluto 7G^R moving.
- It is mandatory to use a safety helmet to ensure a safe ride.
- The vehicle should not be overloaded by putting on more load than recommended.

Do's and Don'ts while riding:

- The power to the motor cuts when brakes are applied. Do not hold on to the brakes when you want the EPluto 7G^R to run.
- It is strongly advised to not apply sudden brakes on wet, sandy surfaces.
- Avoid sudden short braking for both self-safety as well as health of the brake lines.
- While going down a steep slope, do not accelerate.
- It is advisable to use both the brakes for smooth braking and better balancing.
- Although the motor is water resistant, it is advisable to avoid driving in waterlogged areas, especially in exposure to electricity and electric components to avoid short-circuiting.
- Avoid frequent driving of the vehicle at very low battery condition.



After Ride

- After ride, turn off the ignition and remove the keys. Ensure, switching off the vehicle using both remote and key.
- It is advisable to use the center stand for vehicle to be kept stand still for longer duration.
- It is recommended to park the vehicle on flat surface

Important Riding Safety Advices

- Always use a full-face helmet with ISI Mark preferable bright coloured. Ensure the strap is tightened on wearing.
- Avoid wearing loose fit clothes while driving
- It is advisable to wear eye protection gear
- Always carry your license, registration certificate and insurance copy.
- Keep safe distance between yourself and the vehicle ahead.
- Avoid riding in zero visibility zones
- Avoid operating phones while driving
- It is strictly advised not to drive when under influence of Alcohol. (Avoid Drink and Driving)

** The vehicle is designed to carry 150 Kgs of load (Comfortable for 1 Rider and 1 Pillion Rider), avoid over loading. ** The vehicle is designed to be used on the roads only.

2 PURE Lithium™ Battery

PURE EPluto 7G^R, with PURE LiTM-ion in-house battery manufacturing and testing, is equipped with Active Battery Management System (BMS), which protects the battery from damages due to short-circuiting, over-charging, deep discharging and high temperatures.

Critical



Users should adhere to the below safety precautions for the proper functioning of the battery and avoiding any personal injury. Failure to comply with the safety instructions can damage the inbuilt safety features and may lead the battery pack to leak acid, overheat, emit smoke, burst and/or ignite.

- Do not disassemble or modify the battery pack.
- Do not connect the positive (+) and negative (-) terminals with a metal object such as a wire.
- Do not discard the battery pack into fire or heat it.
- Do not use or leave the battery pack near a heat source such as a fire or a heater (60°C or higher).
- Do not immerse the battery pack in water or seawater, and do not allow it to get wet.
- Do not recharge the battery pack near fire or in extremely hot weather.
- Do not leave the battery for unattended or overnight charging





- To recharge the battery pack, use the battery charger specifically designed for the purpose and observe the recharging conditions specified by PURE EV™.
- Do not pierce the battery pack with a nail or other sharp objects, strike it with a hammer, or step on it
- Do not strike or throw the battery pack.
- Do not use an apparently damaged or deformed battery pack.
- Do not directly solder the battery pack.
- Do not reverse the positive (+) and negative (-) terminals. Do not connect the battery pack to an electrical outlet, vehicle cigarette lighter, etc.
- Do not use the battery pack for a purpose other than those specified.
- If the battery pack leaks and the electrolyte gets into the eyes, do not rub them. Instead, rinse the eyes with clean running water and immediately seek medical attention. Otherwise, eye injury may result.

Important

Users should follow the below general instructions for safe usage of the batteries. Failure to comply with the safety instructions may lead the battery pack to leak acid, overheat, emit smoke, burst and/or ignite.

- Do not use the battery pack in combination with primary battery packs (such as dry-cell battery packs) or battery packs of different capacities or brands.
- If the recharging operation fails to complete even when a specified recharging time has elapsed, immediately stop further recharging.
- If the battery pack leaks or gives off a bad odor, remove it from any exposed flame.



- If the battery pack gives off an odor, generates heat, becomes discolored or deformed, or in any way appears abnormal during use, recharging or storage, immediately remove it from the equipment or battery pack charger and stop using it.
- Do not use it in a location where static electricity (greater than the manufacturer's guarantee) may be present.
- Do not recharge the battery beyond the recommended operating temperature range.
- If acid leaking from the battery pack contacts your skin or clothing, immediately wash it away with running water. Otherwise, skin inflammation can occur.
- Store the battery pack in a location where children cannot reach it.
- Before use, carefully study the Operation Manual and Precautions. For further information, contact PURE EV™. Safekeeping the manual for future reference.
- For recharging procedures, refer to the Operation Manual of your battery pack charger.

Battery Health Tips

- The battery will take 4 hours to fully charge from a discharged state.
- To maximize the battery and charger life, please refer the Battery care and precautions mentioned above.
- The charger supplied with your EPluto 7G[®] should only be used for the purpose of charging the battery of the EPluto 7G[®]. Do not use it for any other purposes.
- Do not try to open the charger. It is sealed.
- Warranty will be null and void if battery goes into sleep or deep discharge mode, due to not following these norms.
- During storage of the battery, it must not be exposed to extreme heat, light, smoke, dust or water.



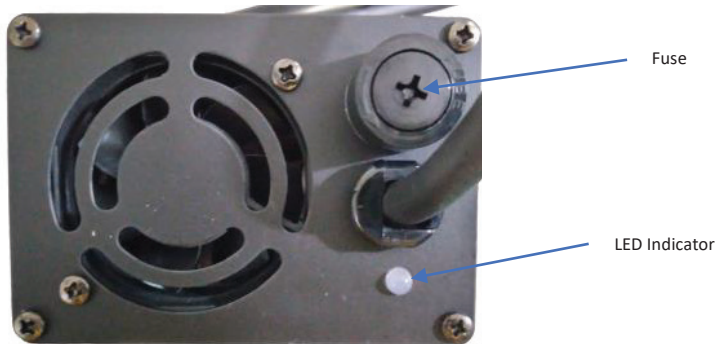
- Avoid charging immediately after a long drive, to avoid overheating.
- When not in use, it is recommended to charge the battery every 30days.
- It is mandatory to attend all the camps conducted by the company without fail.
- So also, all the upgradations(paid/free) shall be carried out to ensure better health of the vehicle.

Note

As per the officially notified CMVR norms, the battery warranty is to be measured based on the AH capacity by conducting ageing test at C/3 rates, however, the company is conducting the same warranty performance test at an aggressive discharge rate of greater than 0.8C to 1C, to ensure that the company is testing batteries under worst case scenario rather than mimicking lab or IDC (CMVR) conditions. We are duly maintaining the detailed data for each such battery at the factory, and dispatching the serviced batteries if they are above the minimum assured capacity as per the warranty schedule.

3 EPluto 7G^R Charger

The charger provided with the Li-Ion battery is sophisticated and is a special purpose electronic charger. This charger has an additional protective feature which provides protection from output overvoltage, output overcurrent, short-circuiting and high temperatures.



LED Colour	Status
Red	Charging
Green	Battery is 100% charged



Charging your Li-ion Battery

- Ensure location for charging the battery must be dry, clean, safe and dustproof.
- Do not place the charger on the battery.
- Connect input mains supply plug to the 230V/50hz supply wall socket with proper grounding.
- Make sure earth is connected.
- Connect the charger output cable with connector (DC Output) to the battery make connector.

Precautions while charging the battery

- The phenomenon of sparking is normal when it connects to the battery because of the high current. This charger is designed for charging lithium type batteries ONLY.
- Avoid charging the wrong type of battery.
- The battery may be damaged if LED2 does not change to green even after charging for a long time.
- Always place the charger in well-ventilated and dry environments.
- The charger is designed with aluminum case as its heat sink. Do not cover it to avoid the case from being overheated while charging.
- Do not disassemble charger. Take it to a qualified service person when service or repair is required.

In case the output cable in the charging socket is not connected properly LED glows green, to ensure proper connection

Steps to Charge Battery Inside the Vehicle



1. Ensure the vehicle ignition is OFF



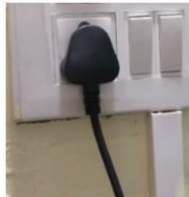
2. The battery is placed inside the vehicle and properly connected



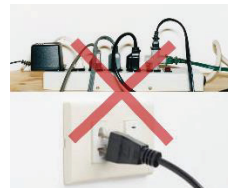
3. MCB is ON



4. Three pin connector of the charger is connected to the port below the seat



5. Connect the plug to a three pin socket and switch ON



****Do not use extension box to charge your vehicle and ensure proper connection of the plug**

Steps to Charge the Battery Away from the Vehicle



1. Ensure the vehicle ignition is OFF



2. MCB is turned OFF



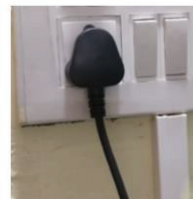
3. Disconnect Battery Power Plug Socket



4. Remove the Battery



5. Connect the Charger to the battery



6. Connect the plug to a three pin socket and switch ON

Important Safety Information

Misusing or Incorrect connection to the Battery Charger may Damage the equipment or create Hazardous conditions for user. Read the following Safety instructions and pay special attention to all caution



WARNINGS

- Use the supplied charger only to charge LITHIUM-ION Batteries. Other uses may cause personal injury and damage.
- Keep sparks, flames & smoking materials away from batteries.
- While charging battery, never place charger on top of the battery.
- Disconnect from mains supply before connecting or disconnecting to battery.
- Study all the battery specific precautions such as, recommended rates of charge and voltage.
- Ensure all ventilation ports are not obstructed, to avoid overheating.



DANGERS

- Electrical shock Hazard! Earthing of charger is compulsory, if not connected to earth it may result in hazardous situation.
- Connect charger input power cord to an outlet that has been properly installed and grounded.
- Do not touch uninsulated portion of Input connector/ output wires and uninsulated battery terminals.
- Do not open or disassemble charger.
- Do not operate charger, if AC supply cord is damaged or charger is in broken condition.

4 Service Policy

PURE EV™, offers 4 Free and 6 Paid service for its scooter.

- The services to be availed within the specific kms or days from the date of sale of the scooter (Whichever is earlier).
- It is mandatory to avail all free and paid service as per the given schedule.
- The service can be availed only at our PURE EV™ authorised dealership.
- In free service, the labour cost for doing periodic maintenance is free. (other jobs requested by the customer but not covered in the maintenance schedule) are chargeable at actual during the Free service period.
- If the scooter meets with an accident during the free service period, then the actual labour and parts charges has to be borne by the customer to make the vehicle perfect (Road Worthy).

Service Schedule:

Sr No.	Service No	Interval (Kms)	Days	Coupon Type
1	1 st	1000 - 1100	30 - 45	Free
2	2 nd	4300 - 4500	90 - 105	Free
3	3 rd	8000 - 8500	210 - 225	Free
4	4 th	12000 - 12500	300 - 315	Free
5	5 th	16000 - 16500	390 - 410	Paid
6	6 th	20000 - 20500	485 - 500	Paid
7	7 th	24500 - 25000	575 - 590	Paid
8	8 th	29500 - 30000	665 - 680	Paid
9	9 th	34500 - 35000	760 - 775	Paid
10	10 th	39500 - 40000	1000 - 1100	Paid



5 Warranty Policy: Scope of Warranty

PURE EV™ offers Warranty for PURE EV™ Scooter models manufactured in its Hyderabad plant and sold through its authorised dealers.

- Warranty claim is applicable only to the first owner of the Vehicle.
- The vehicle must be sold and serviced by an authorized PURE EV™ dealer.
- The warranty registration card of each vehicle must be filled out by the dealer at the time of delivery of the vehicle, and dealer should retain a counterfoil of the same.
- The battery is covered under warranty for a period of thirty-six months from the date of purchase or thirty-nine months from the month of the production or 40,000 kms, whichever comes first, with minimum 70% retention of the battery capacity over the warranty period. In case of battery replacement, the warranty of the new battery shall remain from the original date of purchase only.
- The controller covered under warranty for a period of twelve months.
- The motor covered under warranty for a period of thirty-six months.
- The term of warranty shall be six months from the date of delivery of the vehicle to the first owner on all other components; excluding all rubber parts and led light fixtures.
- In case some defect comes up under normal working conditions, we will supply a free replacement part for you if the particular component is under warranty. You might be asked to pay the delivery or installation cost; enquire the details prior to your request for any part.
- This warranty only covers material and manufacturing defects.
- The warranty period starts from the date of purchase, except for the battery as mentioned above.



- The evidence of prior service/maintenance work undertaken should be kept and produced, in the form of original receipts.
- Warranty claims on components are made in accordance with component manufacturer guidelines.
- Batrics Faraday[®] Application is mandatory for battery maintenance during all the free and paid service, customer must leave the battery for 24 business hrs with the dealer for the same.
- PURE EV[™] Reserves the right to carry out the replacement of the defective part with the same part manufactured by another vendor, which is also used by PURE EV[™].
- Warranty claims will only be handled through PURE EV[™] dealers and will not be entertained directly by PURE EV[™] at all.
- PURE EV[™] undertake no liability in the matter of consequential loss or damage caused due to the failure of parts. Delay, if any, for carrying out the repairs at PURE EV[™] authorised dealer, shall not be a ground for extending the warranty period, nor shall it give any right to the customer for claiming any compensation for damages.

The warranty will be considered only when:

- **All 4 free services as given schedule are availed**
- **All 6 paid services as per given schedule are availed**
- **Maintaining the service record given in the Owner's Manual duly signed by PURE EV[™] Dealer for each of the 4 Free and 6 Paid Services availed is must.**

If any of the free or paid service is not done as per schedule, the warranty shall void.

**Warranty is not applicable to:**

- Vehicle used in competitions, racing, hiring or any for purposes other than what it was designed for.
- Parts damaged by accidents, neglect, misuse or abuse.
- This warranty is not applicable to rental or commercial use of the product.
- This warranty exclusively covers systems and components provided by PURE EV™. The use of spare parts from unknown sources, like replacement parts from third parties deems the warranty void.
- If the problem is caused by an accident, wrong or careless installation by the customer, careless actions, wire stretch, bad storage or not following the instruction manual, customer will have to pay the cost of the spare parts and replacement.
- Parts of the scooter getting rusted or their plating or paint coming off due to atmospheric condition like sea breeze and industrial pollution.
- In case of test, maintenance, repair and replacement work due to normal use.
- Any vehicle which was not used as per the norms and instructions as specified in the owner's manual.
- Any vehicle with the parts /accessories not approved by PURE EV™.
- Overcharging the battery or not adhering to the Battery Safety Instructions and any amendments thereof.



- The warranty duration is not extended by any warranty service completed during the warranty period.
- Warranty will be null and void if battery goes into sleep or deep discharge mode, due to not following these norms.

Labour cost of repairs:

- The remedy under warranty is the repair or replacement of defective components and parts only. This warranty does not cover the required labour cost of repairs from non-authorized parties and PURE EV™ reserves the right to withhold coverage of labour costs at its sole discretion.
- Battery Maintenance with Batrics faraday^R records are maintained for the on all 4 free and 6 paid services duly signed by PURE EV™ Dealer.
- ALL DISPUTES WILL BE SUBJECTED TO THE JURISDICTION OF COURTS OF HYDERABAD.
- The content in this subject of warranty may be changed without any notice. All rights are reserved by PURE EV™. No one is allowed to make copies of, reproduce, change or modify any part or all the content of warranty without expressed permission of PURE EV™.

6 Mandatory Road Signs



STOP



GIVE WAY



STRAIGHT PROHIBITED
OR NO ENTRY



ONE WAY SIGN VEHICLES
PROHIBITED IN ONE DIRECTION



U-TURN
PROHIBITED



OVERTAKING
PROHIBITED



NO PARKING



NO STOPPING AND
NO STANDING



HORN
PROHIBITED



AXLE LOAD
LIMIT



RESTRICTION
ENDS SIGN



COMPULSORY
TURN LEFT



COMPULSORY
GO AHEAD



COMPULSORY
RIGHT TURN

7 Troubleshooting

YouTube Videos by PURE EV™

We have a YouTube channel, where videos for troubleshooting are uploaded. These videos will help as additional assistance in case of any defect or problem in the circumstances where technical assistance or authorized service centers are not available. We regularly update our channel for any new problem, to ensure complete assistance.

PURE EV™ YouTube Channel	Repairing a Puncture	Share your concerns
		

For Service Support reach out to your nearest dealer or raise a service ticket by visiting
<https://tinyurl.com/pureservicesupport>

Please share your concerns by reaching out to us at
<https://tinyurl.com/cust-concerns> or scan the QR or dial 18002126440

Notes

Notes

Tear Here

WARRANTY REGISTRATION CARD EPluto 7G^R (DEALER COPY)



OWNER'S NAME: _____

ADDRESS 1: _____

ADDRESS 2: _____

MAIL ID: _____

MOBILE NO: + 9 1

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 CITY: _____ STATE: _____

BATTERY NO: _____ MOTOR NO: _____

VIN NO:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOLD ON _____ / _____ / _____ DEALER CODE: _____

STAMP & SIGNATURE
DEALER

CUSTOMER SIGNATURE

WARRANTY REGISTRATION CARD EPluto 7G^R (CUSTOMER COPY)



OWNER'S NAME: _____

ADDRESS 1: _____

ADDRESS 2: _____

MAIL ID: _____

MOBILE NO: + 9 1

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 CITY: _____ STATE: _____

BATTERY NO: _____ MOTOR NO: _____

VIN NO:

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SOLD ON _____ / _____ / _____ DEALER CODE: _____

STAMP & SIGNATURE
DEALER

CUSTOMER SIGNATURE

2nd FREE SERVICE COUPON EPluto 7G^R (Valid if serviced within 4300 - 4500km or 90 - 105 days from date of sale, whichever earlier.)

VIN No:

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Motor No:

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Battery No:

--

Customer Name: _____

Contact Number: _____

Served On: dd / mm / yyyy

Sold On: dd / mm / yyyy

Served at: Kms

Dealer Code

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STAMP & SIGNATURE
DEALER

CUSTOMER SIGNATURE

3rd FREE SERVICE COUPON EPluto 7G^R (Valid if serviced within 8000 – 8500km or 210 – 225 days from date of sale, whichever earlier.)

VIN No:

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Motor No:

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Battery No:

--

Customer Name: _____

Contact Number: _____

Served On: dd / mm / yyyy

Sold On: dd / mm / yyyy

Served at:

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Kms

Dealer Code

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STAMP & SIGNATURE
DEALER

CUSTOMER SIGNATURE

Service Records:

Service No.	Distance (Km) / Time (Days)	Date	Odometer Reading	Job Card Number	Dealer Sign and Code
1st Free					
2nd Free					
3rd Free					
4th Free					
5th Paid					

*Please ensure to get this filled by the dealer after every service.

Service Records:

Service No.	Distance (Km) / Time (Days)	Date	Odometer Reading	Job Card Number	Dealer Sign and Code
6th Paid					
7th Paid					
8th Paid					
9th Paid					
10th Paid					

*Please ensure to get this filled by the dealer after every service.

Battery Service Records (Batrics Faraday^R):

Service No.	Inward Capacity (Ah)	Outward Capacity (Ah)	Dealer Sign and Code
1st Free			
2nd Free			
3rd Free			
4th Free			
5th Paid			

***Please ensure to get this filled by the dealer after every service.**

Battery Service Records (Batrics Faraday^R):

Service No.	Inward Capacity (Ah)	Outward Capacity (Ah)	Dealer Sign and Code
6th Paid			
7th Paid			
8th Paid			
9th Paid			
10th Paid			

***Please ensure to get this filled by the dealer after every service.**

A. PROPER CHARGING PROTOCOL

7.1 **Do's**

1. It is recommended to only use the charger provided by the company for charging the batteries.
2. Ensure location for charging the battery must be dry, clean, safe, and dustproof.
3. Connect input mains supply plug to the 230V/50hz supply wall socket with proper grounding.
4. Make sure the earthing is connected.
5. Ensure proper connection of the charger output cable with connector (DC Output) to the battery.
6. Unplug or turn the charger off before attaching or removing the clamp connections.

7.2 **Don'ts**

1. Do not charge the battery immediately after long ride. Wait for 45 mins before charging the battery.
2. Do not charge the battery more than 5 hrs.
3. Do not leave the battery on charging overnight or unattended for long hours.
4. Do not attempt to recharge battery gone into deep discharge mode or damaged battery.
5. Do not charge the battery in a congested setup like under bed/sofa, ensure proper ventilation with at least breathing space of 10 cm from a wall or any other object while charging.
6. Do not place the charger on the battery.

B. BATTERY STORAGE PROTOCOL

7.3 Do's

1. Battery should be stored away from any heat source or direct sunlight, in a well ventilated, dry, and dust-free environment.
2. Keep all flammable materials away from the storage area
3. In case of long-term storage, remove the battery from the vehicle and store it away from any heat source or direct sunlight, in a well ventilated, dry, and dust-free room.
4. In case of long-term storage, store the batteries at 40% state of charge (SOC).
5. Charge the battery at least once in a month when not in regular use.

7.4 Don'ts.

1. Do Not place any object on the battery.
2. Do not let water penetrate the packaging boxes during their storage and transportation.
3. Do not store in places with High humidity.
4. Do not expose the battery to condensation, rain or frozen condition.
5. Do not leave the battery in the vehicle when it is lying idle for more than 24 hrs.

C. POWER QUALITY PROTOCOLS

7.5 Do's

1. The power supply of the charging socket should be 220-240V, 50Hz and no less than 10A.

2. Voltage spikes, harmonics, or interruptions - regardless of the duration - can and will damage the battery/charger. It is highly recommended to install voltage stabilisers to provide constant voltage to avoid damages and ensure safety during.
3. Adequate earthing and circuit protection must be ensured.

7.6 Don'ts

1. Do not use any adapter or extension cord.

D. BASIC MAINTENANCE PROTOCOL

1. Keep metal tools and other metallic objects away from batteries.
2. For Cleaning the battery surface always use a moist cotton cloth only. Never use a woollen/silk or synthetic cloth, as it can create a spark.

E. EXPOSURE CONTROL AND PERSONAL PROTECTION

Acceptable Concentration	:	Not Specified W.R.T Lithium batteries
Facilities	:	NA
Respiratory Protection	:	Self-Contained Berthing Apparatus for organic gasses.
Hands Protection	:	Safety Gloves
Eye Protection	:	Safety Glasses

F. FIRST AID MEASURES (IN CASE OF ELECTROLYTE LEAKAGE FROM THE BATTERY)

Eye contact	:	Flush the eyes with plenty of clean water for at least 18 minutes immediately, without rubbing. Get immediate medical treatment. If appropriate procedures are not taken, this may cause eye injury
Skin contact	:	Wash the contact areas off immediately with plenty of water and soap. If appropriate procedures are not taken, this may cause sores on the skin.
Inhalation	:	Remove to fresh air immediately. Get medical treatment immediately

A. FIREFIGHTING MEASURES

Fire extinguishing agent Extinguishing method	:	Powder-coated extinguisher and DRY SAND ARE EFFECTIVE. Since vapor generated from burning batteries may make eyes, nose and throat irritates, be sure to extinguish the fire on the windward side. Wear the respiratory protection equipment in some cases.
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G. ACCIDENTAL RELEASE MEASURES (IN CASE OF ELECTROLYTE LEAKAGE FROM THE BATTERY)

Take up with absorbent cloth, treat cloth as inflammable.
Move the battery away from the fire.