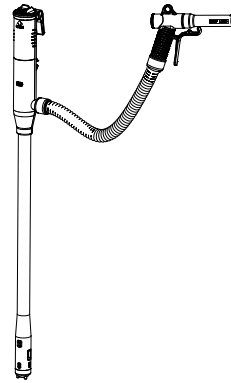
Owner's Manual & Safety Instructions

BATTERY OPERATED LIQUID TRANSFER PUMP



Item : **KTEP01AUTOUSB**

Save this manual for the safety warnings and precaution, assembly, operating, inspection, maintenance and cleaning procedures.

DANGER

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Addresses practices not related to personal injury.

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IMPORTANT SAFETY INFORMATION

⚠ Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in serious injury. Save all warnings and instructions for future reference.

1. Do not pump the corrosive liquids and drinking water.
2. When pumping gasoline and flammable liquids, be alert to possible explosion hazard. Flammable fluid fumes and gasoline vapors can be an explosive hazard. Avoid sparks and guarantee the adequate ventilation.
3. Wear ANSI-approved safety goggles and heavy-duty, chemical resistant work gloves during operation.
4. This product is not a toy. Do not allow children to play with or near the fuel pump.
5. Use as intended only. Only use pump for transferring gasoline, water, light oil, and other non-corrosive liquids.
6. Do not use if Pump is hot.
7. Verify that all connections are tight before using the pump to eliminate leaking.
8. Do not pump the used or dirty liquid.
9. Do not use near open flame or heat sources.
10. Do not turn Pump upside down after use.
11. Remove batteries after work.Know and obey city and state laws for proper disposal of fuel and gasoline. Dispose of properly in accordance with all local laws and regulations.
12. Only pump the specified material as the guidelines, including SDS instructions and EPA regulations.Do not mix old and new batteries.
13. Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries. Set the batteries polarity according to the instruction. Do not use swollen or leaking batteries.
14. Do not use the pump when you are tired or after drugs and medication.
15. Inspect the pump carefully before using every time. Stop using it once you find the loose or damaged parts.
16. Maintain product labels and nameplates. These are very important.
17. Do not run unit dry. Make sure Suction Tube is fully submerged in liquid before turning on.
18. Do not transfer fuel while vehicle or the vehicle's heater is ON (may cause a fire).
19. Do not leave the pump unattended (may cause oversupply of fuel, a fire or any accident).

20. Do not alter or disassemble the pump (may cause failure of the product or an accident).
21. Do not place the pump in a wet area(may cause failure of the product or an accident).
22. Do not use deteriorated or aged fuels (these may cause our product to fail).
23. Do not use for drinkable liquids, or with thinners, solvents, hot liquid, acetone, benzene, creosol, ethyl, phenol, methyl, ethylconcentrated caustic soda liquid, nitric acid, hydrochloric acid, sulfuric acid, etc.
24. Do not shock the pump(may cause a failure or damage of the product).
25. Do not run the pump 'dry' or let the pump idle without transferring (may cause failure of product)
26. Do not close the hole of sensor inlet transparent vessel under direct sunlight (may not stop automatically and overflow liquid.
27. Do not put the product in a vehicle with all windows closed, direct sunlight area, or next to any heating appliances may cause an accident or transform the product).
28. Do not allow children to operate the product without adult supervision.
29. Do not use the product on carpet, wood floor or combustible area (may cause a fire). Be careful not to damage the floor surface and or carpet by fuel leakage.
30. Do not store the pump in enclosed airtight container.
31. IMPROPER USE CAN CAUSE A DEATH OR SERIOUS INJURY
32. Make sure the pump and tank system stand firmly. If the tank falls down during the liquid supply, liquid will leak and may cause a fire or an accident.
33. Make sure the pump is tightly secured to the tank before turning the pump on.
34. Make sure the sensor on the discharge nozzle is vertical (Improper installation could result in the automatic stop function failure and fuel overflow).
35. All the left-over fuel are empty after each time working(which could result in the pump failure)
36. Detach the pump and tank before moving (which could cause the fuel leakage).

SPECIFICATIONS:

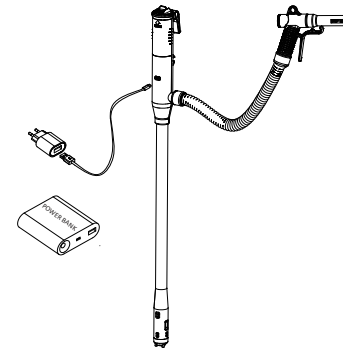
Power	Requires 4 "AA" Batteries (NOT Included) DC 5V >2A by USB Type C
Delivery Volume	3.2 Gallons /min (12 Liters/min)
Auto-Stop	Built-in Auto-Stop System
Applications	Gasoline, diesel, kerosene, light oils Non-potable water

OPERATION INSTRUCTIONS

Read the ENTIRE WARNING section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

HOW TO USE DC POWER:

Plug the Type C end into the input end of the pump bodyand plug the USB end into the input power supply(eitheran AC to DC adapter or a power bank).

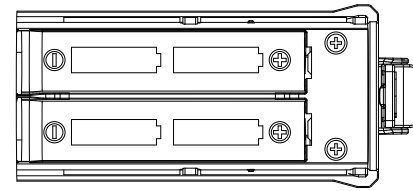


Note:

The input power supply must be DC5V,>2A otherwise the pump will not start or work unstabl.

How To Install The Batteries

Insert 4 AA batteries corresponding the marks of '+' and '-'.



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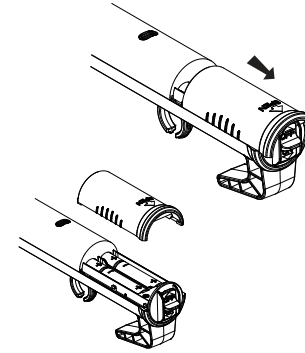
How To Open The Battery Cover

Push and slide the cover off along the arrow direction as picture.

Battery installation as the below picture

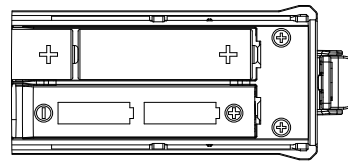
*** Replace all 4 batteries at the same time**
*** Use the same brand/type of batteries**



Emergency When All (4)Batteries Are Not Available

It is recommended to use all 4 AA batteries but it is possible to operate with 2 AA batteries in an emergency.

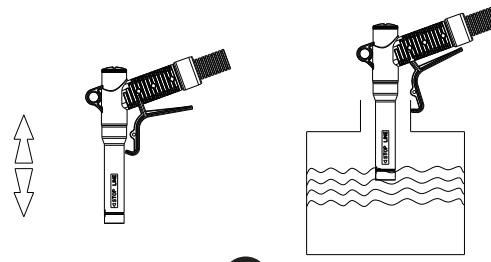
*** It could pump 50x 5 gallons fuel by the 4 batteries and 25x 5 gallons fuel by 2 batteries.**



When To Replace The Batteries

*** Pump does not operate, even after pressing ON switch or transfer rate becomes slower than in normal operation.**
*** Batteries can begin to discharge if they are stored for a long period of time. Check the expiration dates of batteries.**

1. Attach the discharge hose to your receiving tank by the clip,and keep the discharge nozzle in a vertical direction tightly.



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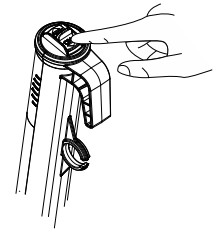
*** Keep the supplying tank and receiving tank at the same level when pump is running.**

*** While the clip is not reasonable for the tank, keep the discharge nozzle in a vertical direction tightly.**

2. Start the pump by pressing button "ON".

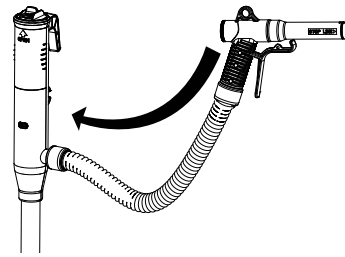


*** The automatic models could stop by itself when the liquid arrive at the stop line.**

3. Take out the discharge hose from the tank after working stop,

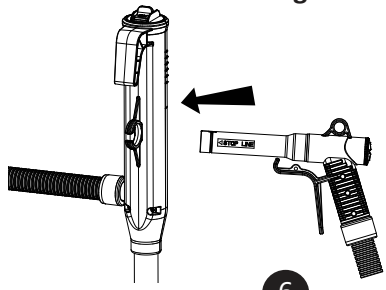
and drain the fuel in the hose back to the supply tank as the

bellow picture shown.



4. Place the discharge nozzle back to nozzle hook and lock by the clip.

*** Place the discharge nozzle in the right place after liquid transferring. Otherwise the leakage could happend once the fuel tank falls over, or the discharge hose is not in the storage seat.**



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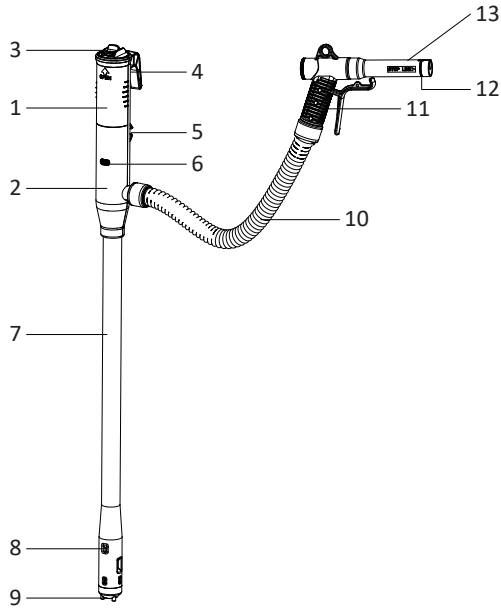
PARTS LIST:



1	Battery Case Cover
2	Control Box Body
3	ON &OFF Button
4	Handle
5	Nozzle Hook
6	Power Input Port
7	Intake Pipe
8	Motor inside
9	Pump Cap
10	Discharge Hose
11	Discharge Nozzle
12	Auto Stop Line
13	Sensor Inlet

HOW TO STORE

When the pump is not used for a long time, remove the pump from the tank, make sure there is no liquid left in the hose, and dry before storage.

*** Before storing the pump, make sure to remove the battery.**

*** Do not store pumps in airtight containers.**

Pump performance is low	A: Batteries are depleted B: The receiving tank is higher than the supplying tank	A: Replace the battery/charge the mobile power supply B: Make sure that the receiving tank is not higher than the supplying tank
Pump starts after pressing ON button but then stops unexpectedly	Filter of receiving tank may be blocked with foreign material	Clean foreign material from the filter
Pump immediately stops after pressing the ON button	A: Batteries are depleted B: The sensor inlet accumulates liquid and touches the sensor automatic stop function.	A: Replace the battery/charge the mobile power supply B: Remove the liquid from the sensor inlet and ensure that the liquid does not contact the automatic stop function of the sensor.
Pump running, but no fuel delivery after pressing the ON button	The impeller is stuck or blocked by impurities.	Remove pump and clean impurities.
Long press the ON button to work, release will stop working	A: The sensor inlet accumulates liquid and touches the sensor automatic stop function. B: The sensor is loose.	A: Remove the liquid from the sensor inlet and ensure that the liquid does not come into contact with the automatic stop function of the sensor. B: Move the sensor to the correct clamping position and clamp it.
Motor stops before receiving tank is full	A: Batteries are depleted B: Sensor is too low and is touching the liquid C: The USB power supply is in poor contact or the power supply is insufficient.	A: Replace the batteries B: Adjust the discharge nozzle up so that the sensor is closer to the top of the supplying tank C: Ensure that the USB power cable is fully connected to the power supply, and check the power supply.