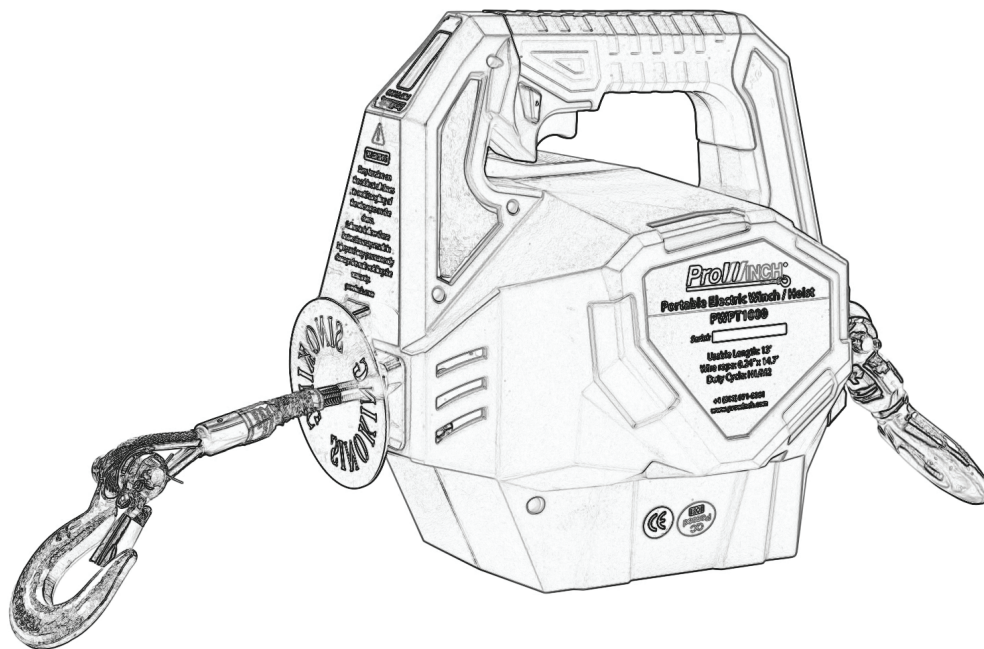




Portable Electric Winch Hoist 1000 lbs. Rechargeable Battery Powered Wireless

User's Manual / Manual de usuario
Safety Warnings / Advertencias de Seguridad



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1. PROWINCH® DISCLAIMER.....	5
2. PWPT.....	6
3. SAFETY PRECAUTIONS.....	8
During Operation.....	10
General Enviromental Precautions.....	12
Falling or Crushing.....	13
4. SPECIFICATIONS.....	14
Operation Instruction.....	14
T1000 Display Screen.....	15
Battery Mount, Status & Charging.....	16
Operation	19
Product Maintenance.....	22
Battery Mount, Status & Charging.....	16
5. PROWINCH® WARRANTY.....	23
6. TECHNICAL SPECS.....	24
PWPT1000.....	24
7. MAPS PROWINCH®	26

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Prowinch® LLC declares that it has made all safety recommendations related to the purchased product to the customer. As a result, it does not assume any responsibility for any damages or losses that the client or third parties may suffer. These can be caused by or as a direct or indirect result of a breach or omission of instructions or safety warnings in the User Manual and Security Warnings provided with the unit purchased. Prowinch® LLC will not be liable for accidents and/or damages to persons and/or property resulting from the negligent use of the product. In no case does Prowinch® LLC assume any liability arising from using these voluntary recommendations and does not offer any guarantee concerning them. These recommendations do not take precedence over the current safety regulations of the plant. For purposes of enforcing the warranty of the product purchased, Prowinch® LLC, will only be liable for any damage when proven the user has followed each one of the warnings contained in the User Manual and Safety.

1. It is the sole responsibility of the Client / User to verify that the acquired equipment, products, and accessories comply with the characteristics, capacities, requirements, components, accessories, and other conditions for the use that the Client/user intends to give it.

2. It is also the sole responsibility of the Client / User to ensure that the equipment and products purchased are operated and maintained with adequate safety standards and by personnel properly trained in their use. The Client / User is also responsible for implementing all security measures necessary to prevent accidents or damages to people or property and for following the indications and warnings of the corresponding manual.

3. Any assistance provided by Prowinch® LLC in selecting the equipment, capacities, and characteristics required by the client is delivered free of charge and based on the information about the application, use, and requirements provided by the client. It is not the responsibility of Prowinch® LLC to verify the accuracy of the given information. It is the sole and exclusive responsibility of the client -or who will use the equipment and products acquired- to ensure that the specifications comply with the capabilities, characteristics, up-to-date maintenance, and everything necessary for a correct and safe operation about the intended use.

4. Prowinch® LLC recommends using winches with four brakes for personnel lifting. The use of winches with three brakes or less, or operating with safety standards less than required for personnel lifting is not recommended.

5. To guarantee the safety of the equipment's operators, it is necessary to conduct inspections and maintenance of the equipment according to the recommended frequency of its work cycle. It is mandatory to keep records and evidence, including written and photographic reports of: Maintenance, Start-up, Load Tests, Training, Certifications, Inspections, and Reports of failures and accidents.

6. The reports mentioned above must be emailed to registros@prowinch.com within the first seven calendar days after an event.

7. Compliance with timely implementation of mandatory activities described in points 6 and 7, in addition to all the activities mentioned in the corresponding guidelines, are the user's sole responsibility. Failure to comply with the preceding conditions releases Prowinch® LLC from any liability. The information contained in this manual may contain technical errors or inaccuracies. Prowinch® LLC is not responsible for errors, omissions, or incorrect information. This manual is subject to change without prior notice. Download the latest version available at www.prowinch.com. Always check www.prowinch.com for the latest information regarding this product.

Please check our warranty policies on our website www.prowinch.com/warranty.



PWPT1000

The Wireless Control System, Prowinch 1000 lbs Portable Electric Winch / Hoist with Wireless Remote Control Battery Powered comes standard with one Li-ion Rechargeable battery and a Wireless / Pendant control. The total wire rope length is 13'.

Cooling System. The cooling fan of this Electric Winch / Hoist is explicitly designed to achieve quick heat dissipation, with rates of up to 12% of continuous labor. The Electromagnetic brake system is designed to engage on any power cut-off automatically.



1. Variable Speed Switch
2. Direction Switch
3. Power Switch
4. Swiveling Anchor Hook
5. T 1.0 Display Screen
6. Stopping Plate
7. Charging Dock
8. Wire rope
9. Battery

Thank you for purchasing our Prowinch® Electric Winch/Hoist. This User Manual provides important information for personnel involved with installation, operation, and maintenance of this product. Read this User Manual before installing, operating, or maintaining product.

2. SAFETY PRECAUTIONS

Prowinch® Electric Winch Hoist is designed for safe and reliable service if operated according to User Manual.

Respect all warnings for personnel and third party safety. Inadequate operation may cause injuries or damage equipment.

Read and understand this User Manual carefully before installation and commission of equipment.

Keep this User Manual in an accessible place for consultation.

This User Manual highlights symbols and notes for caution, warning and danger. Attention to these areas ensures safety of operator.

Mandatory use of:



Hard Hat



Safety Glasses



Safety Gloves



Safety Shoes



WARNING:

This symbol indicates unsafe practices or situations which may cause damage to the property and even injuries to the personnel.



DANGER:

This symbol indicates a potentially dangerous situation which if not avoided may cause severe injuries or death



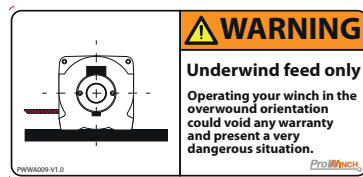
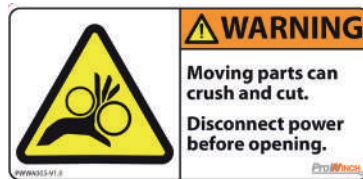
DANGER

All operators and other users who are near the steel chain or its load must wear required safety equipment: gloves, safety helmet / hard hat, safety shoes and eye protection.



WARNING

Before installing, removing, inspecting, or performing any maintenance on the winche, the unit must be unplugged, locked out, and tagged out. Do not use this equipment in hazardous locations



Read and understand the contents of this User Manual thoroughly before handling the product. Practicing correct and safe operating procedures and carrying out the recommended preventative maintenance will ensure a long, reliable, and safe service. After carefully reading and understanding the User Manual, store it for future reference.



Before using equipment:

- Read and understand the instructions in this User Manual and labels associated with hoist before operating equipment.
- Wear appropriate clothing: Do not wear jewelry or loose clothes as they may attach to chain or hook.
- Wear leather gloves.
- Wear non-slip safety shoes, helmet, and eye protection.
- Perform full check of hoist. Check for damaged parts or unusual characteristics.
- Keep a safe distance: suggested distance is at least 1.5 times the length of hoist's chain. Broken or loose chain may cause injuries or death.
- Check hoist and chain are properly lubricated.
- Secure electric chain hoist to a suitable support.
- Visually inspect all electric chain hoists in addition to regular and maintenance inspections

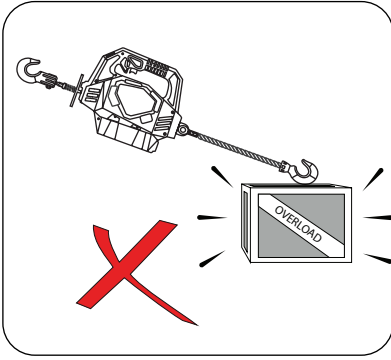
During Operation:

ALWAYS

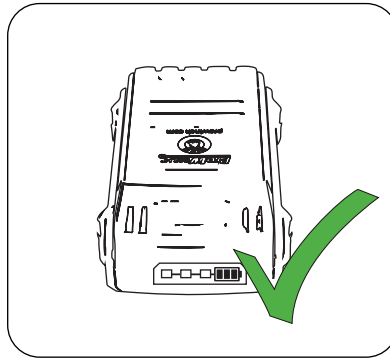
- Refer to maximum load capacity displayed on ID plate of hoist, not capacity of hook.
- Stop operation immediately if unauthorized personnel enter working area.
- Check state of hoist: If engine gets too hot, stop hoist and let it cool for a while.
- Stop, check, and secure load if hoist stops or loses movement during operation.
- Focus on operation. Pay attention at all times and keep proper balance.
- Unplug hoist after operation.

NEVER

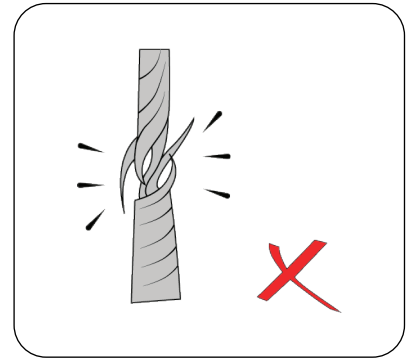
- Never pull cable over the red warning mark.
- Never operate this machine under the influence of drugs, alcohol, or medication.
- Never operate this pulling tool if you're under 16.
- Never apply load to hook tip or latch. Apply load only to the center of the hook.
- Never use a hook whose throat whose opening has an increase or whose tips are bent or twisted.
- Never attempt to tow a vehicle or object with the recovery strap attached directly to the pulling tool hook.
- Never use bungee straps that develop tremendous and potentially dangerous force when stretched.
- Never hook the cable back onto itself. This will damage the cable.
- Never use a pulling tool to lift a load over people



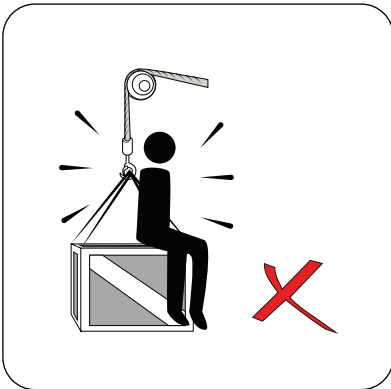
1. Do not exceed winch or winch rope rated capacity. Check the quality of the electrical



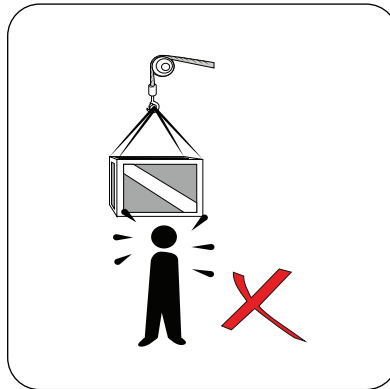
2. Keep the battery fully charged always.



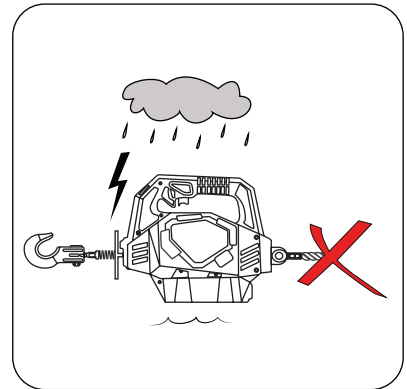
3. Always inspect winch rope, hook, and slings before operating winch. Frayed, kinked or damaged winch rope must be replaced immediately.



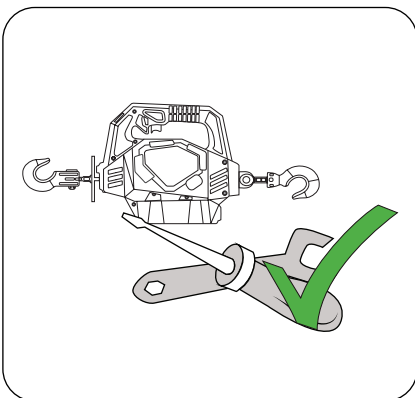
4. Do not use the equipment to lift or move people.



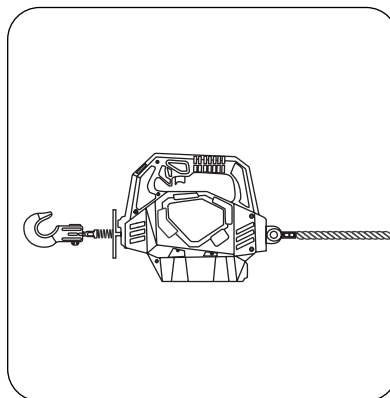
5. Do not stand under the load, it may fall and cause death



6. Do not submerge winch in water. Always store the remote control in protected, clean, dry area.



7. Perform preventive checks as part of a regular maintenance schedule to keep your winch operating properly.

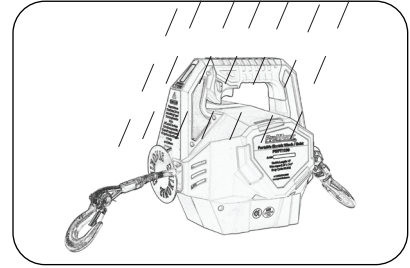


8. Always verify installation before operating.

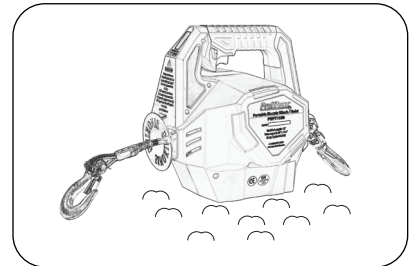
ELECTRICAL HAZARD



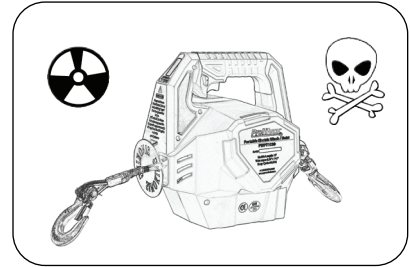
- Never charge battery in damp or wet environment
- Always disconnect charger when battery is fully charged
- Never probe with conductive object
- Always fully charge battery before use
- Never completely discharge battery
- Always charge battery every six months if not in use
- Never operate the tool during charging
- Never leave the toll near heat sources
- Always use the provided charger battery
- Never operate the tool if there are any violent impact or damage
- Never use in the rain or wet environment to protect motor from water and muds
- Never burn batteries



Avoid exposure to rain or snow. It may cause rusting of the equipment.

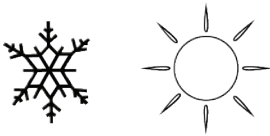


Exposure to sand may cause malfunctioning.



If used near chemicals, corrosive gas or explosives may cause an explosion. Exposure to salt or acids may cause malfunctioning.

GENERAL ENVIRONMENTAL PRECAUTIONS



DANGER:

The following environmental conditions can cause malfunction of the winch.

The following environmental conditions may cause malfunctions in the equipment. When operated outdoor, a shelter should be used for extreme weather conditions: below -10°C or above 40°C

WARNINGS



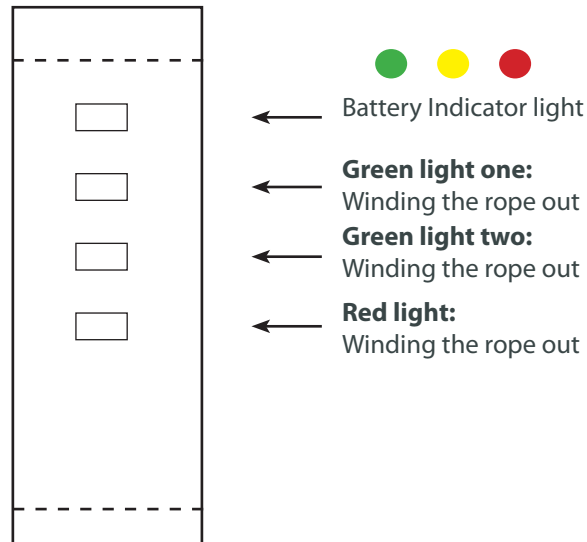


FALLING OR CRUSHING

Never attach the recovery strap to the pulling tool hook to increase the length of a pull

- Always use a hook with a latch
- Always ensure the hook latch is closed and not supporting a load
- Never apply load to hook tip or latch. Apply load only to the center hook
- Never use a hook whose throat has increased or whose tip is bent or twisted
- Never attempt to tow a vehicle or object with the recovery strap attached directly to the pulling tool hook
- Never use bungees straps that develop tremendous and potentially dangerous amounts of force when stretched
- Always avoid side pulls, which can pile cable at one end of the drum. This can damage the cable or pulling tool.
- Never hook the cable back onto itself. This will damage the cable
- Always use a chocker cable or strap: never use a pulling tool to lift or move persons
- Never use a pulling tool to lift a load over people
- Always use a suitable anchor point when handling a load
- Never use a pulling tool to secure a load
- Never shock load cable. Shock load can damage, overload, and damage cable
- Never use the pulling tool's cable to tow another load
- Vehicle or object collision during towing can exceed cable strength
- Always make sure the anchor you select will withstand the load, and the strap will not slip
- Always take time to use appropriate rigging techniques for pulling / lifting
- Never spool out past the length of the red cable
- Never exceed the pulling tool or cable capacity listed on the product data-sheet. Using a snatch block to reduce the pulling tool load
- Never exceed 1000 Lb (454Kg) Maximum pulling capacity
- Always use a suitable anchor point capable of handling load • Always rewind under tension load after use
- Tightly wound cable reduces chances of "binding," which can damage the cable
- Always wind the cable onto the drum in the direction specified by the product warning label on the product and/or documentation
- Always avoid turning the switch off while using this product. This can damage the motor controls unit and cable

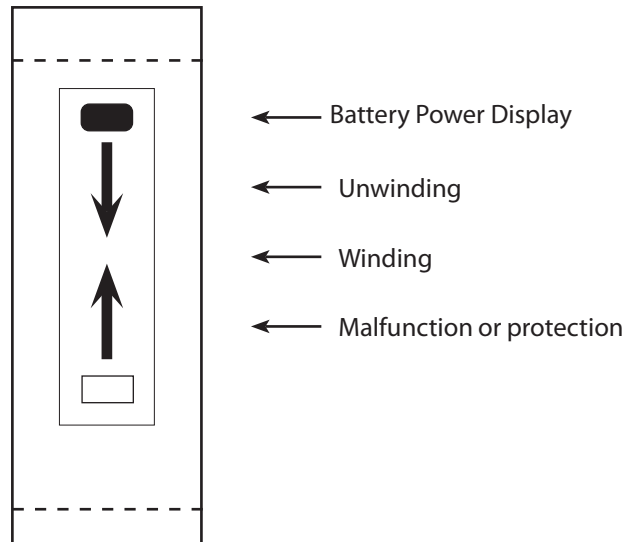
Operation Instructions



1. Press the power switch ("ON") of pulling tool, the display light is on. Press the direction switch "▲", "the green light one" light up, pulling tool is releases the cable. Press the direction switch "▼" "the green light one" go out and "The green light two" light up. Pulling tool is in the winding mode.
2. Overload and overheating display
 1. The red light lights up and flashes when the load reaches 90% of the maximum load.
 2. When the load reaches the maximum load, the "red light" light up, and the product stop working and enter the protection mode.
 3. When the battery temperature reaches the set maximum operating temperature, the product stops working and enters the protection mode.
 4. When the electric current is too big, the fuse will break, the "red light" light up, and the product will stop working. Please get
3. Battery power display
 1. The battery indicator light has three colors.
 2. When the indicator light is green, battery power is enough, and the pulling tool can be used normally.
 3. When the indicator light is yellow, we recommend you charge it before use.
 4. When the indicator is red, the battery power runs out. Please charge as soon as possible.
4. Limit switch

During regular operation, the stopping switch is turned ON. The operating signal will be ignored when the stopping plate reaches the upper limit switch. Stop winding the cable, when the "red light" light up, reverse the operation direction

T1000 Display Screen



1. Display of battery power: five grids are green. When the battery displays only one grid, you must charge battery.
2. Pulling out cable and winding back cable status indicators are displayed in green.
3. When the red code appears, address the issue according to the following table



ERROR CODE	PROBLEMS	SOLUTION
SIGN !	The load reaches 80% Of the setting load	Remind the user of the weight
CODE 1	Pulling tool stops working	The load reaches the setting protection load; you need to reduce the weight
CODE 2		The motor temperature reaches the maximum temperature; stop using pulling tool and let it cool to room temperature before using it again
CODE 3		Maximum current reached, fuse brakes; Please contact customer service
CODE 4		Stopping limit reached; stop winding cable

4. When the battery temperature reaches the set temperature. the product stops working and enters the protection state.

Sometimes, the product will stop working because it has entered protection mode. At this point, please refer to the error code to reset the product.

Battery mount, status & charging

1. Battery installation and unloading

Please confirm that the power switch is in the "OFF / O" position during the installation. The battery release button must be at the top. Align the contact point of the battery against the corresponding contact point on the battery slot, slide the battery in, and gently press until the battery is locked in place. When removing the battery from the pulling tool, confirm that the power switch is in the "OFF / O" position. Press the battery release button and remove the battery.

2. Battery power

1. When installing the battery in the pulling tool, you can examine the battery status by opening the pulling tool and looking at the battery frame in the display screen on the fuselage.
2. There is a power display button and three LED power indicator lights on the top of the battery. After pressing the button, the battery status will be displayed.
 1. Three LED lights are on and green, indicating a full battery.
 2. One LED lights are off, the other two are green. If the indicator does not flicker, the power levels are between 40% and 70%.
 3. When only one LED light is green, only use it after charging.

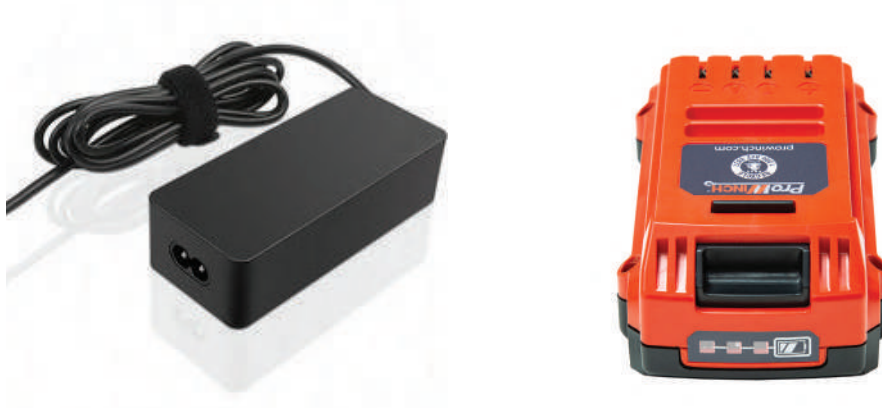


3. Charge

You need to use the original charger to charge the battery, after the battery loaded into pulling tool, insert the power cord of the charger into power outlet, and the insert the plug of the charger into the charging port of pulling tool:

1. When the red light on the charger lights up, the battery is charging.
2. When the red light turns green, the battery has been fully charged. If the battery is not fully discharged, the light will turn green in a short time.

Please unplug the charger from the power outlet when it is not in use. A charger connected to the power outlet will consume power even if it is not connected to the pulling tool. The battery will be hot when charging. Before using pulling tool, let the battery cool to room temperature.



Protection Functions

1. Short circuit protection:

The power value of short circuit protection: $< 3W$, the battery supply appliance can resume normal operation when the short circuit is fixed.

2. High current protection:

High current protection value: $1 < 1.8a$, the power supply will automatically return to normal operation after current value return to normal.

Quick charging function:

The charger can fully charge a battery in two hours

4. Charging note



- Make sure the machine is turned OFF when charging. This will prevent damage to the machine and battery.
- Never use a pulling tool while charging.
- When the battery temperature is higher than 158° F or below - (-4° F), the battery will stop the discharge. To protect the battery, you need to wait for the battery to cool down to room temperature before using the product again.
- Please do not charge the battery when the ambient temperature is above 122°F or lower than 32°
- It takes two hours to charge the battery. When the battery is fully charged, be sure to disconnect the charger.
- If the battery is flooded or damaged, it cannot be charged.
- Never charge or use the battery in a dangerous environment; for example, close to flammable liquids, gases, or dust.
- Never store the battery in an extreme environment, or it will damage it.
- Never open the battery pack. If the battery pack is broken, you must stop using it immediately. Do not charge the battery. Replace the battery immediately.
- While not using the machine, please place the power switch in the OFF / O position to save power.
- Charging the battery before it runs out of power can help extend battery life.
- Disposal or recycling: please dispose of waste batteries according to local laws and regulations



Please note these warnings above.

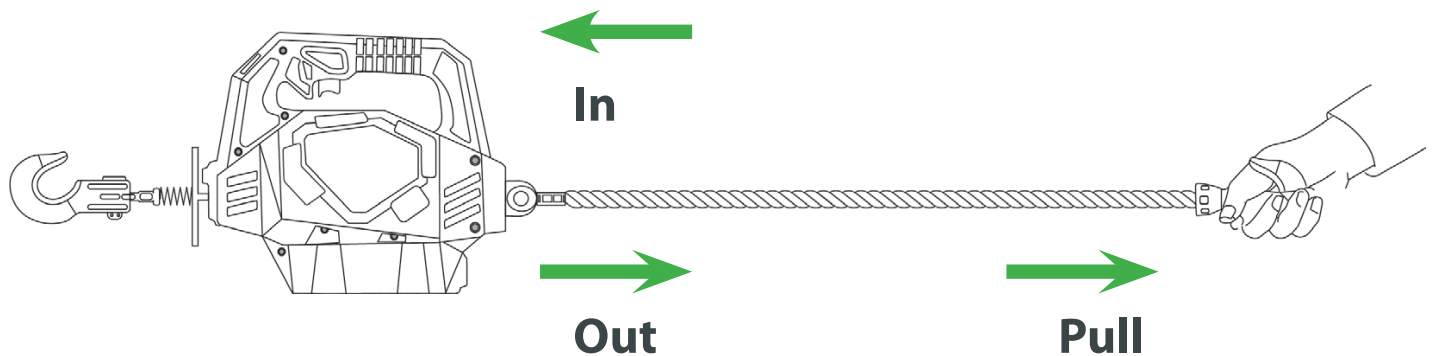
1. Insert other electrical equipment and check the voltage of the power outlet.
2. Confirm the charger voltage is about 29.4 VDC. See the charger pin here or on the charger label.
3. Check the battery terminal for dirt. If it is dirty clean it with a cotton swab and alcohol.
4. If you still cannot charge the battery, please contact customer service.

Operation

Before using this machine to lift or pull a load, you should familiarize yourself with your machine. It is essential to know how it works. This tool is a portable machine for lifting and pulling. This powerful tool has a power switch, a directional switch, and a speed controller. The directional switch controls the forward and reverse rotation of the drum. The speed controller can change the speed when winding in or out.



When spooling out or rewinding the cable, it is necessary to keep tension on it to prevent binding and entangling the cable, causing damage to it and the tool. Do not spool out anymore when you see the red paint on the cable. Always keep at least 5 wraps of cable around the drum and avoid spooling the drum in the wrong direction. Never spool the cable out past the red-painted line on the cable.



The following situations will cause the system entering the protection state automatically

1. At 90% of the pulling capacity the overload indicator turns red
2. The battery is overheating
3. Low battery

When this occurs, please follow these steps:

1. Turn off the power switch
2. Remove the battery
3. Overload: Release the loading or increase the distance of the anchor point or use a snatch block to increase the pulling power.

Overheating: Allow the battery to cool to room temperature.

Low battery: Charge the battery

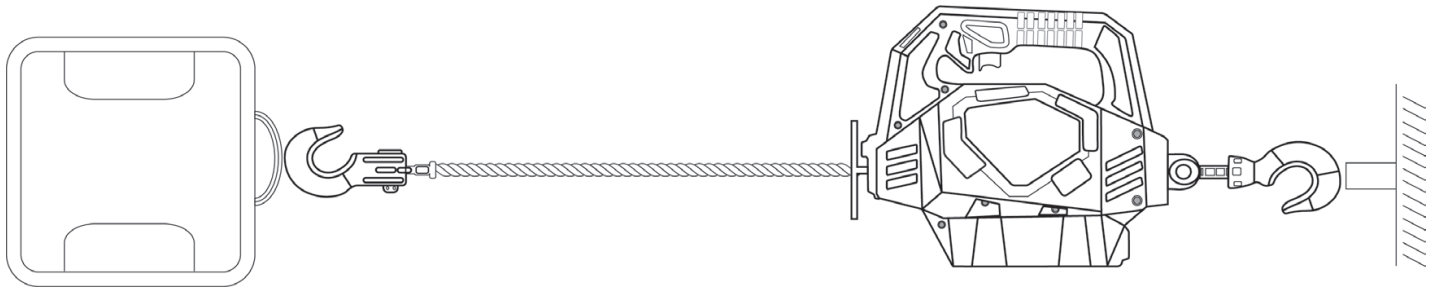
4. Install the battery back into the product
5. Turn on the power switch

The Equipment is ready to be operated again.

Operation

Take the time and practice running your machine before pulling or lifting any load to ensure all operations are familiar. The following steps describe how to use the tool with a single cable. A snatch block can improve the pulling capacity.

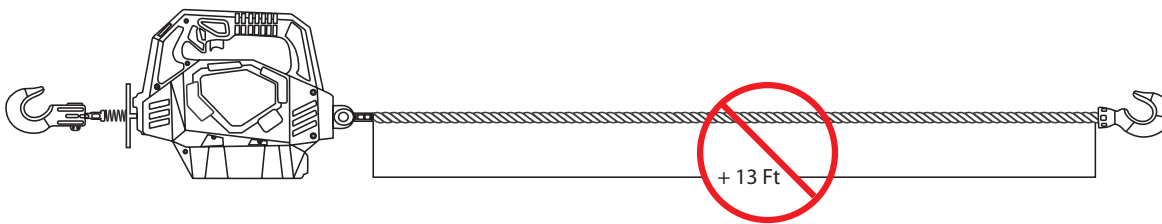
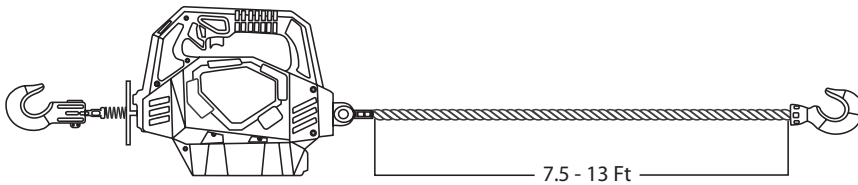
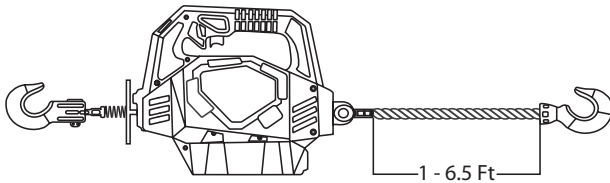
1. Put on gloves and attach the strap to the hook.



2. Install the battery. Make sure the power switch position is at "OFF /O". Put the battery into this product, and ensure the latch is fully engaged.
3. Power on the tool. Turn the power switch to the position "ON/I". Always turn the power switch to "OFF" when not in use.
4. Spool out. Press the directional switch to " ", then press and hold the speed controller. Always keep some tension on the cable to prevent binding and entangling the cable, causing damage to it and the product. Never spool the cable out past the red painted line on the cable.
5. Secure and anchor point. Use the swiveling anchor hook to attach the anchor point. Always ensure that the anchor you intend to use is capable of withstanding the load. Never hook the cable onto itself. This could damage the cable. A tree saver or choker chain is recommended.
6. Attach your load. Establish a load point, and use a shackle or strap when attaching the hook to your load. Always hook with a latch and ensure the hook latch is secure.
7. Give the cable some tension. Press the directional switch to " ", then press and hold the speed controller to wind the cable until the cable is wound tightly and slowly. Never touch the cable or hook while in tension or under load.
8. Using a damper when pulling. When pulling, put a damper, blanket, or other heavy-duty material over the cable.
9. Plan to pull or lift. Ensure all the connections are secured. Line up your pulling directions as straight as possible. Side pulls can cause the cable to bunch at one side of the drum and damage the cable and the product.
10. Start pulling or lifting. Press the directional switch to " ", then press and hold the speed controller to wind in the cable. Never exceed the pulling capacity listed on the product data-sheet. Double the cable number using a snatch block to reduce load.

11. Disconnect the hook from the load and anchor point. Be sure to secure the load entirely. Press the directional switch to “ ”, then press and hold the speed controller to release tension in the cable. Disconnect the hook from the load and anchor point.
12. Rewind the cable. Press the directional switch to “ ”, then press and slowly hold the speed controller to wind in the cable. Always keep tension on the cable to prevent binding and entangling the cable, causing damage to it and the tool. Do not let cable slide through your hand.
13. Turn off the pulling tool. Make sure the power switch position is “OFF /O” Store in a clean and dry place and avoid children contacting and playing. The operation is now complete.

The operation is now complete.



- Always spend some time checking the load and determine whether the load is within the specified load range of the product.
- Always check the product for malfunction and battery status.
- Always wear gloves to prevent injury of hands caused by steel cables. • Always pay attention to the safety of yourself and the people around you.
- Practice regularly.

Product Maintenance

When there are some problems with the machine, please follow the table to solve them.

Number	Problem	Solution to Malfunction
1	The product failure light (red light) light up and flashes.	It's normal phenomenon indicates the load reaches more than 80% of the rated load, which needs attention.
2	The product stops working, and the temperature is too high.	Stop using pulling tool until the motor cools to room temperature.
3	The product stops working	Please check the battery power. If power low, please charge it.
4	Product stops working (T1.0 red light up, T1000 display code)	Exceeds the rated load. try to reduce the load
5		the current is too large, resulting in the damaged fuse brakes need to replace the fuse or contact customer service.
6	Drum sound when laying or winding cable	The cables on the drum are wound together, you need pull the cable out and rewind it.
7	After operating according to charging requirements, the battery is still can't be charged.	Check the power socket problem. If so, replace the socket.
8		Check surrounding.
9		Check whether the charger and battery are faulty. If so, please purchase a new one or contact the Customer service.
10	Water damage	Return to factory for repair
11	Remove protection	Close the pulling tool, unplug the battery, reload, And restart the machine

- Both pulling tool, accessories and cables must be carefully maintained to prevent damage and wear after use.
- If the cable is damaged, it is recommended not to use it. Replace it as soon as possible.
- It is very dangerous to use damaged cable. Before using, it is best to examine pulling tool and battery parts carefully.
- Battery components also need to be inspected or replaced regularly to make sure they are not damaged.

PROWINCH® WARRANTY

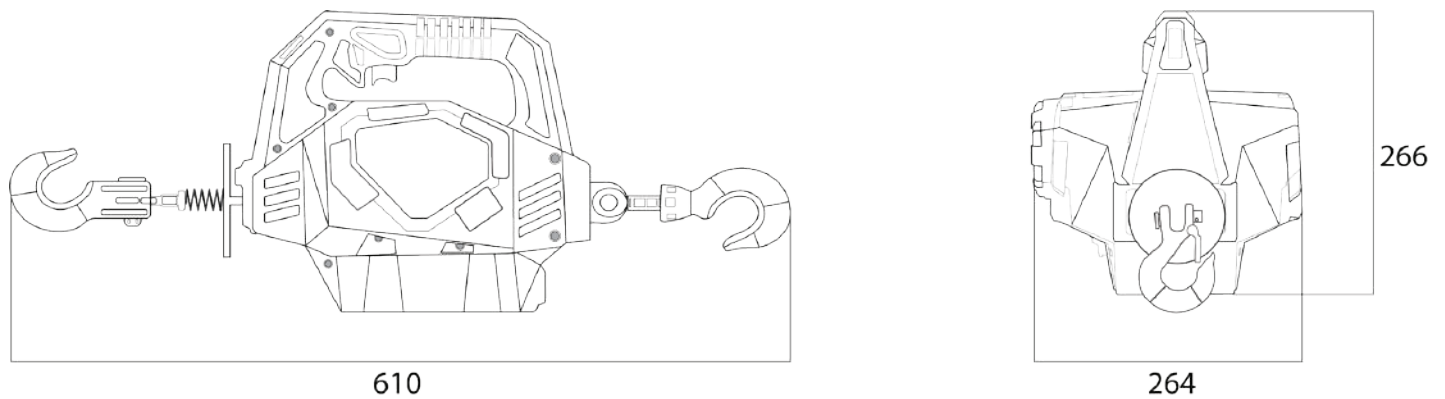
LIMITED WARRANTY COVERAGE

PROWINCH products are warranted to the original purchaser for a period of three (3) years after the date of purchase only to be free from defects in material and workmanship when subjected to normal, proper and intended use. Within this period, PROWINCH will only repair or replace free of charge any part on a product, after examination, is determined by PROWINCH to be defective in material or workmanship and was not caused or substantially contributed to by other factors or circumstances beyond PROWINCH control, including (but not limited to) defective installation, maintenance or repair, product modification or alteration, any neglect misuse or excessive use, mishandling, product exposure to extreme or unsuitable conditions, normal wear and tear or failure to follow manufacturer's instructions. This warranty does not apply to damage that PROWINCH determines to be from repairs made or attempted by anyone other than PROWINCH authorized personnel.

Return of the product with a copy of proof of purchase to PROWINCH, freight prepaid and insured, are required for this warranty to be effective. If more than one year has elapsed from purchase date, proof of periodic and regular maintenance by an authorized service must also be provided for this warranty to be effective. PROWINCH does not cover freight or labor charges associated with the inspection and testing of products which are found by PROWINCH not to be a valid warranty claim.

PWPT1000

Portable Electric Winch Hoist 1000 lbs. Rechargeable Battery Powered Wireless



Dimensions in mm

PARAMETERS	SPECIFICATIONS
Rated Line Pulls	1000 Lbs. (454 Kg)
Power Supply	25.2V DC
Cable	Ø6mm x 14.8 Ft
Battery	Lithium Battery
Battery Capacity	2.5 AH
Battery Charger Input	100-240V AC 50-60Hz 75W
Battery Charger Output	30V
Dimensions	24" x 10" x 10.5"
N.W.	17.2 Lbs

Pulling tool and accessories



Item Description	Quantity
Pulling Tool	1
Battery	1
Charger	1
Hook	1

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