Frequently Asked Questions – WinchRite. Electric Winch Handle

Can the WinchRite operate larger winches?
Yes, winches are sized to the intended load. So if you can turn the winch by hand then the WinchRite can too.

How long will the battery charge last in the WinchRite?
Depends on the load it is used for. A typical 38ft boat with a standard rig will get the main hauled 6-8 times before a charge is needed. However the WinchRite is not a substitute for improper or poor rigging and this may effect performance.

How long will it take to charge the WinchRite?
The WinchRite is tested at our facility to ensure proper charge. It should take about an hour to fully charge with the AC charger. The DC charger is intended for a trickle charge and the time frame for complete charging would be extended. After charging always let the unit cool as this will prevent heat damage to the battery and circuitry.

Can the WinchRite be left on the charger?
Yes it can be. The internal electronics will shut off the charging process once it has achieved a full charge. However it is not good practice to leave any electronics on their charger for continuous periods because the charger may fail.

Why it is not recommended to use WinchRite to hoist people up a mast?
A sail is not a person and cannot die, a human can die. Climbing a mast is a very dangerous operation and there are many things that can occur. Simple but very essential things such as tailing the rope and keeping it taught, keeping a good eye on the rope and fixing the situation as soon as something is wrong. It is possible with the Winchrite working so well and so fast, so as to not see the tail of the rope. It is also possible to put too much force on the running rigging and its components to break something, or simply not let go of the Winchrite for fear of it falling instead of using two hands for the tail of the rope or something else. Or, the person gets lifted too fast hurts their head or damages their fingers or hands. For these reasons and many more, we cannot recommended the use of the WinchRite to hoist people up using any structure. BoatWide SL accepts no liability, in any way, for damages, of whatever form, associated with hoisting people using the Winchrite.

Why will the WinchRite haul my main and my drill wont?
Answer: Most drills run a much higher RPM and when under the load of a winch they bog down and the cranking amps deplete quickly from the battery. The WinchRite runs at lower 130RPM with more torque allowing for greater hauling power.

Will it float?
The simple answer is yes-you would be able to retrieve it at the docks but out at sea it maybe hard to locate. However salt water may damage the unit. We recommend tethering it.

What is the diference between the WinchRite and a drill?

Comparison of the most common converted right angle drill used for winches and the WinchRite.

1-Battery: The common right angle drill turns at 400rpm in the slow speed direction. Once a load is placed on the drill the cranking amps of the battery are immediately depleted, resulting in a short battery capacity. This resulting short capacity, in many cases will not complete a winching job and require a battery switch.
Problem Solved: The WinchRite turns at a variable speed up to 130rpm. This lower speed

results in both greater torque and a much longer battery capacity. This allows the WinchRite to complete all winching jobs with one charge.

2-Drive: The common right angle drill is designed for drilling holes and has a chuck to insert various drill bits. This chuck has a retaining screw which has been reported to snap when run in the reverse or anti clockwise rotation. This results in the chuck unthreading and could pose a potential safety risk. The lower cranking speed of the winch can not be used due to this issue.
Problem Solved: The WinchRite has a socket drive which will run in both rotations allowing proper operation of a two speed winch.

3-Weight: The common right angle drill weighs is 4.95 kg. This generally requires both hands to operate. This may result in a safety factor in the cockpit or walking about the deck.
Problem solved: The WinchRite is slightly less than 2.95 kg. It is 40% lighter.
4-Weather: The common right angle drill is not designed for wet weather conditions. Water will cause the drill to fail.
Problem solved: The WinchRite is rated at IPX6 and is a sealed unit designed for high pressure spray. It can withstand water splash from rough sea conditions and rain.

5-Warranty: The manufacturers of the various hand held drills do not cover damage or failure while using the device for non-drilling applications. Your warranty may be void if improper use is discovered.
Problem solved: The WinchRite is designed for sailing applications and we stand behind our product 100%.

BoatWide, S.L.
Pasaje Agustina de Aragón, 13 Bajos
08860 Castelldefels (Barcelona)
España
Tel: (0034) 93 635 07 78

info@boatwide.es
www.boatwide.es