



WATER HOUSE®

Pumps & Garden

PUMP & PANEL COMBO

1

INSTRUCTIONS

- Decide where you want to place the solar panel (Mounting brackets not included). Make sure you place the panel in a good position relative to your sun direction.
- Decide the cable length that is required to reach pump and water feature.
- Connect all wires making sure that positive + is connected to positive and negative - to negative. DO NOT connect opposites to each other.
- Before making a permanent connection of wiring it is recommended that you test the pump power from the panel.
- Once you are happy that the pump works, you can make your joins permanent.

2

INSTRUCTIONS

- Make sure that the wire joins are secure and tight, as 12 DC connections do not respond well to lose wire sparking.
- Make sure to use waterproof connections if the cable is going to be submersed, but at least use weatherproof cable joins as this product will be installed externally.
- If a fuse is supplied, connect it anywhere along the positive (+) line.
- *Cable colour codes - RED will be positive (+), Black and whites will be Negative (-).
- The pump is a submersible pump.



WARNINGS

- Note that solar panels are live, and caution needs to be taken when leaving them exposed to sunlight.
- Beware of + and - cables touching while installing as sparking will occur.
- If panels are installed on a roof and you need to ascend, remember that anytime the sun is shining your panels are generating energy. So, treat your terminals as live.
- Do not step on or allow objects to fall on your solar panels.



TO NOTE

- Make sure that all wire connections are joined securely and use the appropriate join kits if necessary.
- A solar 12-volt voltage regulator needs to be used if a battery is used to operate the pump. This will help control the battery charge and the voltage that is supplied to the pump.

MYTHS

Some common myths claim that AC (alternating current) is more dangerous than DC (Direct Current) or visa versa.

Neither is true because both AC and DC currents present significant safety hazards. The truth is that all electrical current can kill - whether AC or DC. They are both dangerous sources of current and both should be treated with equal safety practices.

THANK YOU

Thank you for buying this popular DIY Solar panel and pump combo. This is perfect for DIYers and hobbyist tackling an easy new and fun project.

While this is an easy to assemble combo, a few things need to be considered before installation.

CONTENTS

- 12-volt DC, 2-amp water pump.
- 2-amp fuse and fuse holder.
- 12-volt 30-50-watt solar panel. (Depending on availability)
- 3 meters of cable.



NOT INCLUDED

- Cable joiners or soldering wire.
- Solar panel mounting brackets or screws.
- Pre-Filter for the pump.



SUPPORT

- Call our customer care line on 011 466 8250 for some extra help. Watch our YouTube videos for tutorials.
- @waterhousepumps