

01

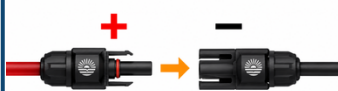


## Mount Solar Panels

Install panels in a sunny location with maximum sun exposure.

Face north where practical and tilt approximately 20–30°.

02



## Connect Solar Panels

Connect the panel MC4 leads together in series (+ to –).

Leave the first and last connectors free for connection to the controller.

03



## Connect to Controller

Connect the supplied MC4 3m extension leads between the solar panels and controller (+ to + and – to –).

04



## Test Pump Before Installation

Completely submerge the pump in a bucket or tank of clean water and connect the motor cable to the controller.

**Never operate the pump dry.**

05



## Test System

Turn the controller ON briefly and confirm the pump starts and pumps water.

**Turn the controller OFF before continuing installation.**

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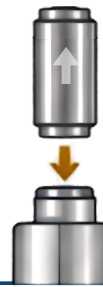


## Earth the Controller

Connect the controller earth lead to a suitable earth stake/earthing point.

**Proper earthing is essential for safe operation.**

07



## Install Check Valve

Screw the supplied 25mm 304SS check valve directly onto the pump discharge.

This prevents backflow when the pump stops.

08



## Connect Pipe & Motor Cable

Connect the discharge pipe to the check valve. Secure the motor cable to the poly pipe with cable ties or tape approximately every 2–3 m.

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## Install Low-Level Probe

Cable tie the low-level probe above the pump on the poly pipe. Run the probe cable alongside the poly pipe and secure it at regular intervals, the same as the motor cable.

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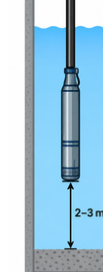


## Attach Safety Cable

Secure the supply safety cable to the pump and anchor it securely at the bore head/surface.

**Never lower or suspend the pump using the electrical cable.**

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## Lower Pump Into Bore

Slowly lower the pump into the bore and position it approximately 2–3 m above the bore bottom.

**Ensuring the pump is not drawing debris and sand from the bottom**

12



## Final Check & Start

Check all plumbing, electrical connections, solar polarity, earthing and cables.

Turn the controller ON and confirm normal operation and water flow.



**IMPORTANT**  
PLEASE READ

- ✓ Never run the pump dry.
- ✓ Never lower or suspend the pump by its electrical cable.
- ✓ Turn the controller OFF before connecting or disconnecting components.
- ✓ Ensure the pump remains adequately submerged during operation.
- ✓ Check valve must be installed directly on the pump discharge.



RELIABLE WATER



SUSTAINABLE POWER



AUSTRALIAN OWNED

