

# Outback DC Wiring Diagram

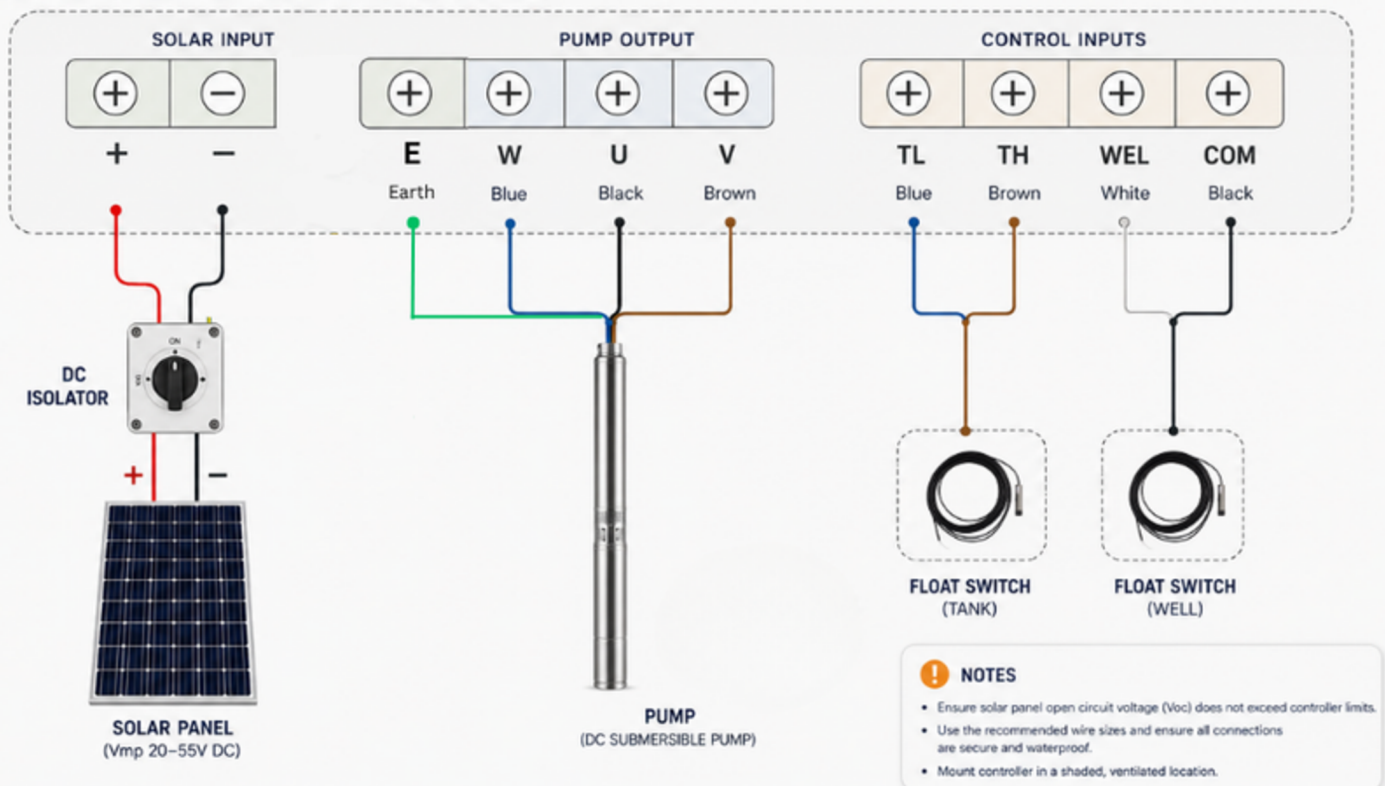
## WIRING GUIDE FOR OUTBACK DC SOLAR PUMP CONTROLLERS

The DC pump connection diagram shows the standard wiring layout for connecting the solar panel, DC pump, tank float switch and optional low-level probe to an Outback DC solar pump controller.

The solar panel array connects to the controller through a DC isolator, allowing the system to be safely switched off when required. The pump motor cable connects to the pump output terminals, while the control input terminals are used for automatic tank full shut-off and dry-run protection. When installed correctly, the float switch can automatically stop the pump once the tank is full, while the low-level probe can help protect the pump if the bore, well or water source runs low.

## DC PUMP CONNECTION DIAGRAM

WIRING DIAGRAM FOR OUTBACK MPPT CONTROLLER



**IMPORTANT:** Incorrect wiring can damage the controller or pump. Always refer to the installation manual before connecting.

# Outback AC/DC Wiring Diagram

## WIRING GUIDE FOR OUTBACK AC/DC HYBRID SOLAR PUMP CONTROLLERS

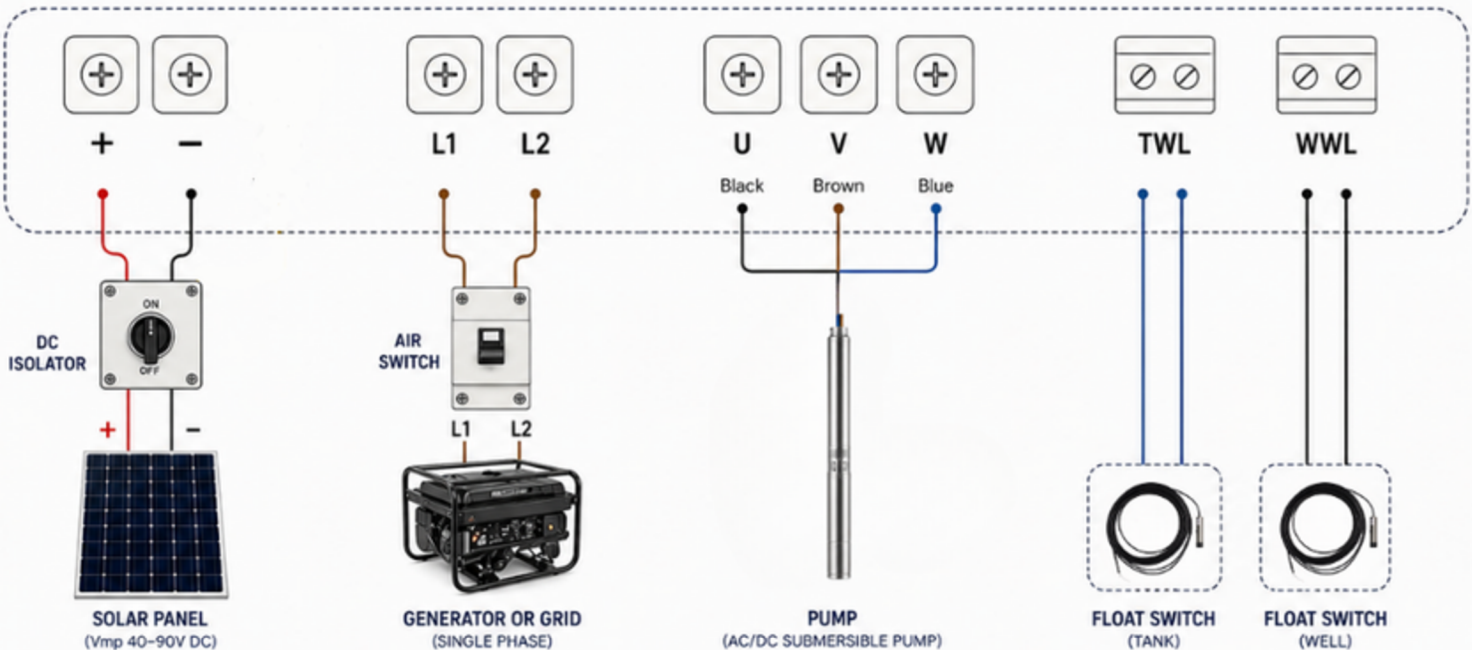
The AC/DC hybrid connection diagram shows the standard wiring layout for connecting solar input, AC backup power, pump output, tank float switch and optional low-level probe to an Outback AC/DC hybrid controller.

The solar array connects to the DC input through a DC isolator, while the AC input can be connected to a suitable mains or generator supply where required. The pump motor cable connects to the pump output terminals, and the control terminals allow the system to automatically stop when the tank is full or when low water level is detected.

All AC wiring must be completed by a suitably licensed electrician and installed in accordance with local electrical requirements.

## AC/DC PUMP CONNECTION DIAGRAM

WIRING DIAGRAM FOR OUTBACK AC/DC CONTROLLER



### NOTES

- Ensure solar panel open circuit voltage (Voc) does not exceed controller limits.
- Use the recommended wire sizes and ensure all connections are secure and weatherproof.
- Mount controller in a shaded, ventilated location.

### COLOUR GUIDE

- |  |   |
|--|---|
|  Red    |  Brown |
|  Black  |  Blue  |
|  Yellow |   |



### IMPORTANT:

Incorrect wiring can damage the controller or pump.  
Always refer to the installation manual before connecting.