3kw + Rutland 1200 Power Station Wiring Diagram

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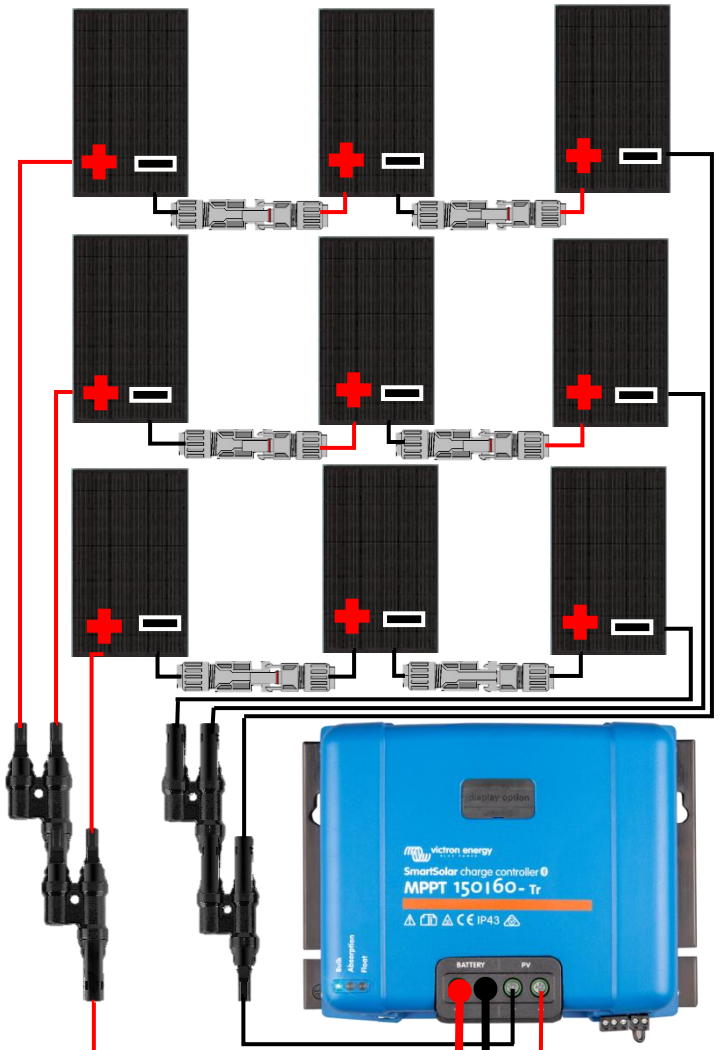


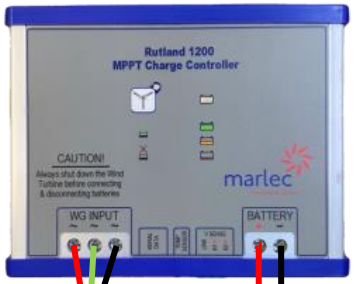
Panels to be wired, 3 lots of 3 in series connected together in parallel

Push MC4 connectors together until you hear the click

Bluetooth monitoring available via this charge controller, using an app on mobile phone

Connect the battery to the charge controller first

Turbine cable is to be extended within the pole using the 3-core cable provided. Connect the battery to the regulator before the turbine. Construct the tower and rigging kit as per the instructions provided.



The AC IN can support a generator, shore power or mains power supply which will be used to charge the batteries. With power assist, the Multi will provide power when the AC supply cannot meet power demands.

AC Distribution Board

Batteries Wired in Series for 160Ah, 48V

Keep the cables from the battery to inverter the same length for both positive and negative.

This diagram serves as an example to show how the equipment should be wired together, manufacturer's instructions should be read prior to installation. Select Solar are unable to accept any responsibility for damage caused by cross polarity. If there is any doubt, please contact us before connecting any cables.

Grounding in accordance with manufacturer's instructions.