

EASY INSTALL GUIDE: M5/SOL-SYS

1 Unpack & Open Up the Metron5

Place unit on a flat surface. To open, loosen the 2 nylon screws in the bottom corners of the Metron5 and 4 screws around battery enclosure.

Allen key and Pozi / Phillips head screwdriver required.

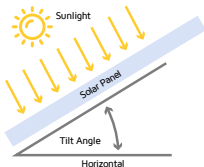


2 Mount the Solar Panel

Solar panel comes attached to a mounting bracket. The panel must face directly south and have a view of at least 100° of unobstructed sky.

The panel should be tilted at an angle 10° to 15° plus the site's latitude from the horizontal to achieve maximum sun exposure (example overleaf).

The higher the cell, the better.



3 Mount the Metron5

Ideally a flat surface such as a wall/ DIN railing/ Unistrut railing.

Avoid mounting inside metal cabinets or underground (could reduce signal).

There are pre-drilled holes for easy mounting.



4 Connect the Battery

Ensure the highlighted switch is positioned at "Solar". Remove the white plastic cover from the battery terminals.

Use the loose black and red wires and slide on to connect to the battery terminals.

Maintain polarity:

Black to black (-). Red to red (+).

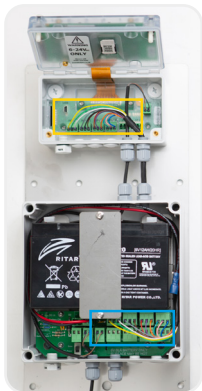


5 Connect the Sensor(s)

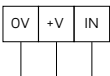
The inputs shown in the blue box connect directly to the inputs in the yellow box on the Metron5 above. Run the sensor cable(s) through the lower unit's glands.

Unplug the green connector(s) and wire in as required. Plug the connector(s) back into the correct input channel and tighten the gland. Ensure cable is through the gland.

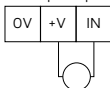
Reattach all lids and take care to tighten screws to ensure waterproof IP67 rating is maintained.



0-10 Volt DC 3 wire sensor



4-20mA 2 wire sensor that requires power



Volt free contacts

