



Installer Checklist

Things to check before you quote & order.

If the system will incorporate PV:

- Have you checked the string configuration and dimensioning is a valid configuration using the SOLARWATT Pro portal vision string planner?
- Inverter vision one has two MPPTs, Inverter vision three has three MPPTs
- Are you fitting optimisers? If so, please note only TIGO optimisers are certified for compatibility

Have you checked the customer has an internet access point with sufficient LAN ports (or you intend to install a network switch/TP Link), or use Wi-Fi (will the devices be installed in range)?

- Inverter vision and Manager flex both require an internet connection to the customer's router
- We strongly encourage the use of LAN over Wi-Fi for stability and to avoid service calls
- If you're deciding to connect devices using Wi-Fi, does the installer have a Pro portal account and the SOLARWATT Pro app downloaded on their smartphone to carry out Bluetooth commissioning?

Is the distance between the inverter and battery installation locations under 1.5m?

- If not, you must place an order for a Battery vision cable set (available in 3m, 5m, and 10m sets)
- Have you ordered a Battery vision cable cover (for aesthetics, entirely optional)

Is there sufficient space to install the inverter and battery?

- Your installation location must avoid direct sunlight and provide rainfall cover for the inverter.
- The inverter should have 30cm of empty space on all sides to provide sufficient airflow ventilation.

Have you included a valid Battery vision tower configuration in your quote?

- With a single-phase SOLARWATT Inverter vision one: 1 top pack + 1-6 packs
- With a three-phase SOLARWATT Inverter vision three: 1 top pack + 2-6 packs
- A battery is optional, but required for up to 220% PV dimensioning (depending on inverter) and also required for backup mode (EPS).

Have you included SOLARWATT Manager flex or SOLARWATT Manager rail in your quote?

- This is required and must be fitted with Inverter vision.

If you're fitting backup (EPS), does the customer have or need fitting a breakout distribution board to run their key circuits off?

- Have you checked the devices running off this board won't exceed the max. current limit for the selected Inverter SKU? (see "BACKUP" section on Inverter vision one/three datasheets)
- If the customer has a TN grid, does the customer have an earth rod or will they need one fitted?

Do you plan on connecting additional devices to the customer's SOLARWATT Manager (e.g. a heat pump, EV Charger, Shelly smart plug/meter)?

- If so, please check the instructions for integrating the device with the manager at: <https://www.solarwatt.co.uk/manuals/solarwatt-manager/commissioning/device-connector>

Things to bring with you to the site.

- 2-Core RS485 cable to connect the Inverter & CHINT Meter
- DC- and AC- cables for connecting the Inverter to PV and AC Mains
- A cable for grounding the Inverter (lug supplied)
- An Ethernet Cat 5 LAN cable
- AC Circuit breaker
- Drill (for installing brackets into the wall) + Screwdrivers (M3, M4, M5)
- Spirit level + Measuring tape
- Ferrules / end sleeve crimping tool
- Staubli MC4 crimping tool
- Smartphone (for showing customer the Home app)
- Laptop (for Manager commissioning)