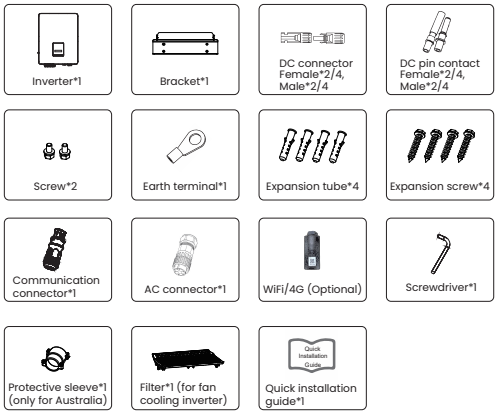
T-M Series Quick Installation Guide

Models:

T3-M	T10-M	T23-M	T10(Dual)-M
T4-M	T12-M	T25-M	T12(Dual)-M
T5-M	T15-M	T30-M	
T6-M	T17-M	T10-M-B	
T8-M	T20-M	T8(Dual)-M	

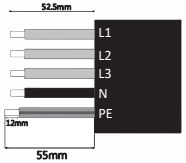
3-30kW Three Phase Inverter

1. Packing List



NOTE

1) For the communication connector, three different type connectors are possible. Please refer to chapter 6.3 of User Manual for detail information.
2) In different type of model, the number of DC connector and DC pin contact in the package is different, please refer to the User Manual page 10 for more details.



L1/L2/L3: Brown/Red/Green or Yellow Wire

N: Blue/Black Wire

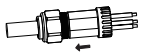
PE: Yellow & Green Wire

Note: Please refer to local cable type and color for actual installation.

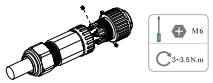
- Separate the AC plug into three parts.



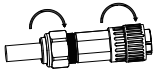
- Insert the sleeve assembly into the cable.



- Install the copper wire into the plug terminal and lock the screw.



- Lock the lock nut and the sleeve(3~5N·m), lock the sleeve and the plug(1.5~1.7N·m).



- Insert the plug assembly into the socket (inverter end) and lock each other by the coupling twist.



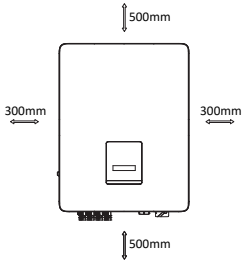
The following three steps apply to the Australian market only:

- Dismantle the protective sleeve.



2. Inverter Installation

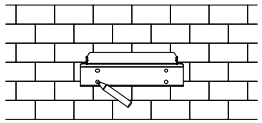
Please make sure the inverter will be installed with a proper distance as shown below.



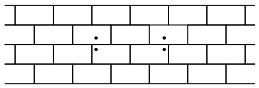
Position	Min Size
Left	300mm
Right	300mm
Top	500mm
Bottom	500mm
Front	500mm

Step 1: Fix the bracket on the wall

Choose the place you want to install the inverter. Place the bracket on the wall and mark the position of the 4 holes from bracket.



Drill holes with electric drill, make sure the holes are at least 50mm deep, and then tighten the expansion tubes.



- Install the protective sleeve by assembling the connector's knob into it.

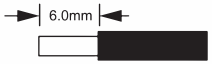


- Fix the protective sleeve with M3*10 self-tapping screws (torque 0.35~0.45N·m).

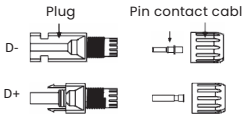


DC Wiring

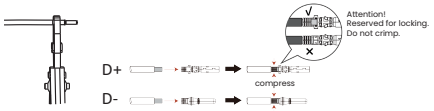
- Turn off the DC switch.
- Choose 2.5 mm² wire to connect the PV module.
- Trim 6mm of insulation from the wire end.



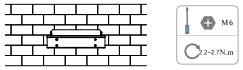
- Separate the DC connector as below.



- Insert striped cable into pin contact and ensure all conductor strands are captured in the pin contact.
- Crimp pin contact with crimping pliers. Put the pin contact with striped cable into the corresponding crimping pliers and crimp the contact.

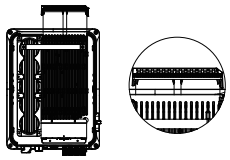


Insert the expansion tubes into the holes and tighten them. Install the bracket with the expansion screws.

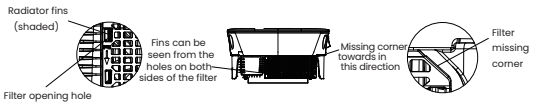


Step 2: Install the filter on top side (for fan cooling inverter)

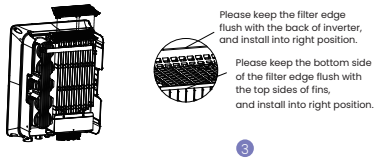
Put the filter into the right position as shown by below figure. Align the long legs on both side of the filter with the outermost fin.



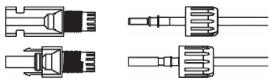
Please keep the top of filter flush with the back of inverter.Please adjust to the position where the lateral fins can be seen from the holes on both sides of the filter according to the figure in which the arrow towards to the wall.



Press the filter down from the top. Check if all fins are covered by filter. Ensure that the filter is installed and secured in right position.

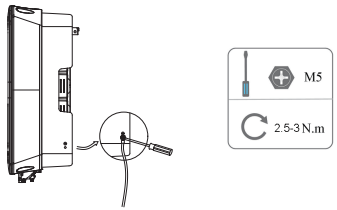


- Insert pin contact through the cable nut to assemble into back of the male or female plug. When you feel or hear a "click" the pin contact assembly is seated correctly.



Grounding Wiring

The cross-sectional area of the ground wire is the same as that of the AC wire. Screw the ground screw with screwdriver as shown below.



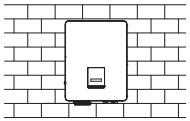
Communication and Monitoring

This series of inverters provide three RS485 ports. RS485-1 can be used to monitor the inverter. RS485-2 can be used to connect to a smart meter to implement the stand-alone anti-backflow function. RS485-3 can be used for multiple inverters in parallel.

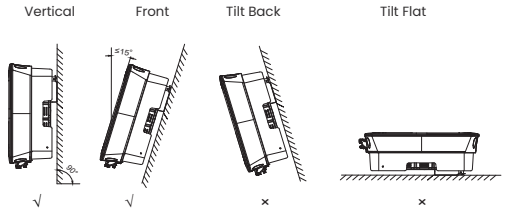
Please refer to manual description for interface details.

Step 3: Match the inverter with wall bracket

Mount the inverter to the bracket. Secure the inverter with the M5 screw and washer.



Please refer to the correct installation method to install:



3. Wiring Steps

AC Wiring

Cable dimensions

Power (kW)	3.0	4.0	5.0	6.0	8.0	10.0	12.0	15.0	17.0	20.0	23.0	25.0	30.0
Cable	2.5-6mm²				4-6mm²			6mm²					10mm²
Micro-Breaker	25A				32A			40A		63A			80A

- Trim all the wires to 52.5mm and the PE wire to 55mm.
- Use the crimping pliers to trim 12mm of insulation from all wire ends as shown in the picture.

4. Startup Procedure

1. After checking all connections are correct, turn on the external DC / AC breakers.
2. Turn the DC switch to "ON" position.
3. Inverter will start automatically when PV panels generate enough energy, the LED will flash.
4. Complete inverter Start-up guide
   After the initial start-up the inverter, display will go to the language settings page, short press to switch language and long press to confirm selection. Once language set, display will guide to set the safety regulation. Short press to switch safety regulation, and long press to confirm selection.

Note:

- Please select the correct country code.
- Set the time on the inverter using the button or by using the APP.
- Please DO NOT apply USB3.0 on inverter USB port, the inverter USB port only support for USB2.0.

Please scan the QR Code and follow the steps below to download our latest multi-language User Manual/Quick Installation Guide:
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