

# User manual

*Portable tester for EV charging cables*

As the name applies the portable cable tester is used to test the condition of most charging stations, portable charging stations and charging cables. The front panel is equipped with Type 1 and Type 2 inlets, phase voltage displays, vehicle emulation switches, as well as industrial CEE and domestic Type F socket for testing with a load.

1. CEE 16A outlet
2. Type F outlet
3. Car READY switch
4. Car CHARGE switch
5. Type 1 inlet
6. Type 2 inlet
7. Phase voltage displays
8. CP, PE and PP testing points



## Cable/station test procedure

1. Check that switches READY and CHARGE are in position "0"
2. Connect Mode 3 cable, portable charging station or charging station cable Type 2 or Type 1 plug (vehicle side) to the appropriate tester inlet socket (**at no time, can there be both types of cables connected for testing**)
3. Connect the charging station side of the cable to power grid/charging station
4. Switch the READY switch to position "1". This will signal EVSE that car is ready to charge
5. Switch the CHARGE switch to position "1". This will close the relays/contactors in the charging station/portable charging station and start the "charging" process
6. Check voltage displays (voltage display will show the AC voltage of the appropriate phase)
7. Optional: connect a load (any electrical appliance with appropriate plug) to either CEE or domestic Type F outlet