



EVSE Testing Solutions

BIS Standards Compliance



Sonel BT-120

Battery tester

► Application

Diagnostics of battery packs or battery cells the life of electric cars.



Sonel MPI-540

The MPI series comprises multifunctional electrical parameter meters designed for checking domestic and industrial system



Sonel EVSE-100

Multifunctional Analyser for AC Vehicle Charging Stations

► B Standards Compliance

- Simulation of Charging Modes, Communication, PP Cable Parameters and CP Circuit Faults
- BIS and IEC standards, including is 17017-1, IS 17017-2-2, IEC 61851-1, and IEC 62196



EVSE-01 Adapter

The adapter for the MPI series meters allows measurements of AC charging stations with a type 2 connector, with a socket and a fixed charging cable. Tests are available for 1-and 3-phase stations-both with and without ventilation



PQM Series-PQM 750

Advanced meters for monitoring voltage stability, harmonics, and power disturbances in electrical grids and EV charging stations

► BIS Standards Compliance

- IS 17017-21:2019-Defines power quality requirements for EV charging stations
- IS 13234-1992 - Covers power quality and harmonic limits in electrical networks
- IEC 61000-4-30-Used for power quality measurements (Class A & Class S devices)



MIC-15K1

Insulation Quality Analyzer Insulation resistance measurement ensuring safety in EV chargers, transformers, and switchgear

► BIS Standards Compliance

- IS 2993:1998-Covers insulation resistance testers' specifications
- IS 7322019-Electrical wiring regulations, including insulation resistance requirements
- IS 9000 (Part 3, Section 5) Covers insulation resistance tests for electrical components