

EPR

electrical & power review



INDIA RECHARGE IN NEEDED

The electrical and power industry emphasises the requirement for substantial investments and the development of a massive skilled workforce in various practices to realise India's ambitious power goals. This creates unimaginable business opportunities for multiple industries throughout the economy.



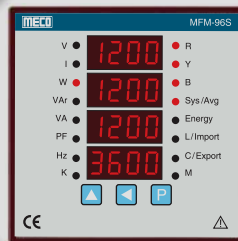


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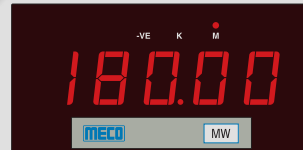
+60 YEARS
ONE MISSION

Digital and Analog Panel Meters & Transducers

Multifunction Meters



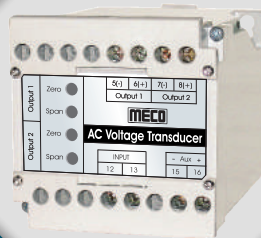
Digital Panel Meters



Analog Panel Meters



Electrical Transducers



Reliable



Long-Lasting



Affordable

ISO 9001-2015 Certified Company

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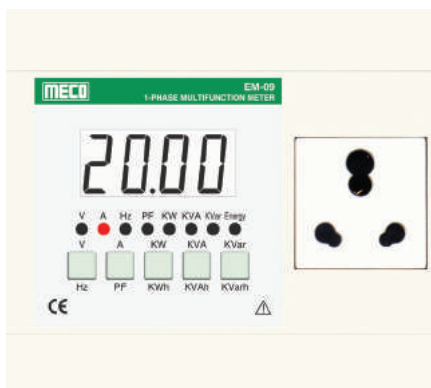
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MECO revolutionising EV monitoring by EM09 series multifunction meter



MECO 1 Phase Multifunction Appliance Meter - TRMS (Models: EM09-20A, EM09-5A and EM09-1A) is a microcontroller-based portable, continuous-use, single-phase electrical meter indicating TRMS values of 10 parameters on ten display pages on a large LCD (20mm). It has a smart socket. It has five keys to view all the parameters and the meter's programming. The meter is ideal for checking the power consumption of electrical vehicles (EVs).

A Glimpse into the Features

The MECO EM09 series is a feature-rich, microcontroller-based electrical meter designed for electric vehicle (EV) energy usage monitoring. It offers real-time measurements of ten vital parameters, including voltage, current,

power factor, frequency, and various energy consumption metrics. The device's versatility shines through, making it ideal for continuous EV power consumption monitoring, thanks to its smart socket for easy and efficient data collection. User convenience is a top priority, with user-selectable auto/manual scrolling and a large LCD with a backlight for readability in various conditions. The meter's advanced microcontroller design ensures it's not just functional but also technologically advanced.

For more in-depth data analysis, the optional RS-485 port with 5kV isolation and MODBUS RTU protocol opens the door to remote data access and system integration. Users can take full advantage of this innovative meter by integrating it with the POWER MASTER software, which simplifies data analysis and report generation for comprehensive insights into energy consumption.

The Applications:

The applications of the MECO 1 Phase Multifunction Appliance Meter are as stated under:

Household Appliances: From air conditioners to refrigerators and washing

machines to microwave ovens, the MECO meter can provide insights into the energy consumption of your everyday appliances.

LED Lights Testing: Evaluate the energy efficiency of LED lighting systems easily.

Field Technicians' Toolkit: This portable meter can become an indispensable tool for field technicians diagnosing and solving electrical issues.

Research and Development: Product designers looking to create energy-efficient solutions can rely on the MECO meter for precise data.

Energy Auditing: Conduct thorough energy audits and plant maintenance with this meter, ensuring your facility operates efficiently.

Building Management Systems: Seamlessly integrate the meter into your building management systems to optimise energy usage.

Product Quality Testing: Ensure the quality and performance of your electrical products with precise energy measurements. ⚡

*For more details,
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