

DC Power Meter 0-1000V with RS485

The DCEM-3MS DC Energy Meter with RS485 is a combined DC power measurement terminal, highly integrated for DC parameter measurement. It accurately measures DC voltage, DC current, power, and total electricity, and features a switch output.



ADDITIONAL IMAGES



Overview

High-Performance DC Energy Monitoring

This multifunction DC energy meter is engineered for precise monitoring in demanding industrial environments, including railway, petrochemical, and telecommunications sectors. Featuring an RS485 interface with MODBUS-RTU protocol support, it enables seamless data integration and equipment status tracking. Its compact, rail-mounted design and high isolation voltage ensure both ease of installation and operational safety for critical DC power systems.

Technical Specifications

Voltage Measurement Range

1000 V
Max Voltage

Communication

RS485, MODBUS-RTU

Installation

Standard 35mm rail

Key Features

Product Highlights

- High precision measurement
- Compact, space-saving design
- High isolation voltage for security
- Single-phase wiring with independent shunt access
- Anti-interference protection measures

Display

Segment LCD display

Applications

Suitable Industries

Electric Power • Communication • Railway • Transportation • Environmental Protection • Petrochemical • Steel • Charging Piles • Solar Panels