

Multifunction Digital Panel Power Meter

This multifunction power meter is designed for three-phase power systems. It accurately measures voltage, power, and energy, displaying real-time readings and cumulative energy consumption.



ADDITIONAL IMAGES



Overview

Economic Multifunction Power Monitoring

The 194L Economic Multifunction Power Meter is a compact, cost-effective solution designed to replace traditional analog instruments with high-reliability digital measurement. It provides comprehensive monitoring of all basic electrical parameters, making it ideal for power factor control, energy measurement, and distributed detection in medium to low pressure systems. With its galvanic insulation protection and LCD display, it offers a streamlined approach to electrical monitoring for SCADA, EMS, and DCS integrators.

Key Performance Metrics

Accuracy Standards

0.5

Basic Parameters Class

1

Active Energy (KWH) Class

Measurement Capabilities

Measured Parameters

- Voltage (VL-N)
- Current (Amperage)
- Power (P)
- Power Factor
- Frequency
- Active Energy (Ep/kWh)

Technical Specifications

Reference Standard

IEC62053-21

Display Type

LCD screen, 3 lines, 4 digits with 1 decimal (0~9999)

Panel Mounting Size

72 mm

Insulation Technology

ITF Technology: galvanic insulation protection for inputs and outputs

I/O Interface

Input/Output Configuration

Type	Quantity	Identifiers
Digital Inputs	4	DI1, DI2, DI3, DI4
Digital Outputs	2	DO1, DO2

Applications

Suitable Applications

Transformers, Generators, Capacitors, Electric Motors, SCADA Integration, Energy Management