Integrated Energy Management System

This integrated energy management system provides real-time monitoring and advanced control algorithms. It improves energy efficiency, reduces operational costs, and enhances the reliability of power generation processes.

ADDITIONAL IMAGES

Overview

Integrated Energy Management System

This comprehensive system is designed for the efficient management, measurement, and data collection of entire energy infrastructures. It provides real-time monitoring of equipment status, operational parameters, and alarm conditions to optimize energy efficiency. The system features an integrated automatic refueling monitor and supports seamless compatibility with cloud, SCADA, and mobile monitoring platforms.

Technical Specifications

Technical overview and system capabilities snapshot

Model	SM-TP1500
Power Supply	DC 24V
Communication Interfaces	RS232, RS485, PROFINET

Performance Metrics

CPU Performance

250 KB	1 MB	48 ns
Instruction Memory	Program Data	Bit Instruction Execution Time

I/O Configuration

Input/Output Configuration

Type	Specification
Digital Input	16 x DC 24V
Digital Output	16 x DC 24V / 0.5A
Analog Input	4 x U/I, 1 x RTD
Analog Output	2 x U/I, 16-bit

Physical Dimensions

Physical Characteristics

- Dimensions: 800 x 600 x 2000 mm
- Weight: 200 kg
- Protection Level: Level 4