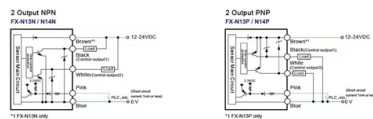


Energy-Saving Intelligent Power Distribution Cabinet Budget Scheme



Article Overview

A cost-effective energy-saving intelligent power distribution cabinet combines smart PDUs, AI-based energy management, modular design, and compliance with international standards to optimize efficiency and reduce operational costs.

Key Components and Features

- Smart Power Distribution Units (PDUs)
- Real-time monitoring and remote control reduce energy consumption by up to 20%, lowering operational costs .
- Features include overload protection, environmental sensors, and precise voltage regulation to prevent equipment damage .
- Modular outlet configurations allow flexibility for different cabinet layouts and future scalability .
- Intelligent Cabinet Design
- Primary equipment supports intelligent protection, measurement, and control, while secondary equipment enables networked monitoring and digital parameter management .
- Compliance with IEC61850 standards, GSM/GPRS alarms, and automated fault isolation ensures reliability and reduces downtime .
- Compact and modular design maximizes space utilization and simplifies installation .
- AI-Based Energy Management...

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

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