



SCHLEIFENBAUER

CUSTOM PDU & POWER MANAGEMENT

CONTROLLER



PDU Controller

Discover the versatility of our Power Distribution Units (PDUs), which provide accurate power metering, seamless remote monitoring and advanced intelligent outlet control.

The Controller Series goes beyond traditional power distribution solutions and acts as the key to improved efficiency, reliability and intelligent power management. This solution not only meets current requirements, but also anticipates future needs.

Experience power solutions with us, where we combine top-class technology with a commitment to an energy-efficient and intelligently managed future.

Product Variants

- 1. Metered PDU:**
Input energy measurement for the entire PDU, per phase, or per branch.
- 2. Monitored PDU:**
Input energy measurement for the entire PDU, per phase, or per branch.
Individual energy measurement for each outlet.
- 3. Switched PDU:**
Input energy measurement for the entire PDU, per phase, or per branch.
Individually switchable outlets with remote control.
- 4. Managed PDU:**
Input energy measurement, per phase, or per branch.
Combination of measured and switchable outlets.
- 5. Inline Meter:**
Input and phase energy measurement to upgrade basic PDUs.

Features:

- Billing-Grade Energy Metering (+/- 1%) for [kW, kVA, V, A, Power Factor].
- Measurement granularity: per inlet, per phase, per branch, or per outlet.
- Remote network monitoring through embedded SSL Security (HTTPS), HTML, IPAPI, WEBAPI, MODBUS/TCP, SNMPv1/v2c,v3.
- Onboard embedded processor (min. 100MHz) with 8MB SPI Flash and in-house developed system firmware.
- Cascading capability for up to ~50 PDUs using a single Ethernet IP address.
- Environmental monitoring with support for up to 100 sensors (temp/humidity).
- Individual outlet numbers engraved on the chassis.
- Automated deployment via Ethernet or USB Flash Drives.
- Single 10/100 Ethernet port.
- Web interface optimized for both PC and mobile devices.
- Status LED for network and system activity.
- Alarming for multiple alerting events.
- Maximum ambient temperature of 60°C at full load.
- Low power usage through smart design.
- No switching on power loss, with automatic recovery.
- LCD screen for displaying detailed PDU status.
- Free service tool for maintenance, configuration, register reading, and writing.
- Switch PDUs with bi-stable relays for no power consumption, no switching in case of power failure and automatic recovery.

