

## Expert Power Control 1202 / 1292 Series

4-fold switched PDU with integrated current metering and monitoring and with GSM connectivity (1292)



### Highlights at a glance

- ▶ 4 Power Ports
- ▶ Event-based switching
- ▶ Energy metering
- ▶ Overvoltage protection
- ▶ 3 connector versions

### Features

- 4 Power Ports individually switchable directly on the device, via HTTPS and SNMP
- Case allows mounting in 19 inch racks
- Status and Power-up delay (0...9999 seconds) adjustable individually for each Power Port after power blackout
- Simultaneous power-up of multiple Power Ports prevented by latency time of 1 second
- Programmable turn-on/turn-off sequence
- Metering of energy, current, power factor, phase angle, frequency, voltage and active/apparent/reactive power
- Two energy meters, one meters continuously, the other energy meter is resettable
- A clearly visible LED display on the device reveals total current, IP address, sensor data and error reports
- 4-channel watchdog, an individual watchdog (ICMP/TCP) can be assigned for each Power Port
- Interface for optional sensors for environmental monitoring (temperature and humidity)
- Port switching possible by configured sensor thresholds
- Integrated overvoltage protection prevents damage of device and of connected consumers (L-N 10 kA), status retrievable over network
- Dedicated high-inrush relays avoid welding of relay contacts at start-up peaks
- Firmware update via Ethernet during operation
- Comfortable configuration by web browser, Windows or Linux tool
- IPv6 ready
- HTTP/HTTPS, e-mail (SSL, STARTTLS), DHCP, Syslog
- SNMPv1, v2c, v3 (Get/Traps)
- TLS 1.0, 1.1, 1.2
- Radius and Modbus TCP protocol supported
- Configuration and control via Telnet
- IP Access Control List
- Secure login over SSL
- Android and iOS app *Gude Control* allows access from anywhere (without SSL)
- Low internal power consumption, typ. 5 W
- Developed and manufactured in Germany

### Electrical Connections

- 1 power supply (safety socket connector, max. 16 A), cable length: ca. 3 m
- 4 Power Ports (safety sockets Type F, max. 16 A)
- Alternative connections Type E for France/Belgium and Type J for Switzerland
- Ethernet connector RJ45 (10/100 Mbit/s)
- Mini-DIN connector for optional sensor
- Connector for GSM antenna, antenna included in delivery (**1292**)
- Slot for SIM card (**1292**)

### Technical Details

- LxHxD: 48.4 x 4.6 x 7.4 cm
- Weight: ca. 1 kg
- Operating temperature: 0-50 °C
- Storage temperature: -20 - 70 °C
- Relative humidity: 0 - 95 % (non-condensing environment)

IPv6, SSL,  
SNMPv3 & Telnet

GSM Features of **Expert Power Control 1292 Series**

- Quadband GSM module
- Control via voicecall, SMS and Datacall
- GSM user access for all ports configurable
- FreeCall: Predefined action upon toll-free incoming call from a specific number
- GSM antenna included in delivery
- For pre-paid and post-paid SIM cards (SIM card not included)



Lateral connectors of **Expert Power Control 1292 Series**

| Order code | Product                     | Feature  | Operating Voltage | Max. Current |
|------------|-----------------------------|--|-------------------|--------------|
| 1202-1     | Expert Power Control 1202-1 | Schuko connector Type F (Germany)  | 230 V             | 16 A         |
| 1202-2     | Expert Power Control 1202-2 | Schuko connector Type E (France/Belgium)   | 230 V             | 16 A         |
| 1202-3     | Expert Power Control 1202-3 | Schuko connector Type J (Switzerland), automatic cut-out as per SEV1011:2009/A1:2012   | 230 V             | 10 A         |
| 1292-1     | Expert Power Control 1292-1 | Schuko connector Type F (Germany), integrated GSM module, GSM antenna incl. in delivery (cable length: 2 m)  | 230 V             | 16 A         |
| 1292-2     | Expert Power Control 1292-2 | Schuko connector Type E (France/Belgium), integrated GSM module, GSM antenna incl. in delivery (cable length: 2 m)   | 230 V             | 16 A         |
| 1292-3     | Expert Power Control 1292-3 | Schuko connector Type J (Switzerland), automatic cut-out as per SEV1011:2009/A1:2012, integrated GSM module, GSM antenna incl. in delivery (cable length: 2 m) | 230 V             | 10 A         |
| 7001       | Temperature Sensor 7001     | -20°C to +80°C   |                   |              |
| 7002       | Temp./Humidity Sensor 7002  | -20°C to +80°C / 0-90% humidity  |                   |              |