

Expert Power Control 1202 / 1292 Series (GSM)

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

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| <input checked="" type="checkbox"/> IPv6 | <input checked="" type="checkbox"/> SNMPv3 |
| <input checked="" type="checkbox"/> HTTPS | <input checked="" type="checkbox"/> Telnet |
| <input checked="" type="checkbox"/> SSL | <input checked="" type="checkbox"/> Modbus TCP |



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
- 2 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
- Internal beeper for acoustic alarm for set 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
- Low internal power consumption, typ. 5 W
- Developed and manufactured in Germany

Electrical Connections

- Power supply safety socket type F, CEE 7/4 connector, max. 16 A, cable length: ca. 3 m
- 4 Power Ports safety sockets type F, CEE 7/3, 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, **GSM Rod Antenna 0560** 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)

with GSM

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 rod antenna included in delivery
- For pre-paid and post-paid SIM cards (SIM card not included)



Lateral connectors of **Expert Power Control 1292**

Order code	Product	Feature	Operating Voltage	Max. Current
1202-1	Expert Power Control 1202-1	Safety socket connector Type F (Germany)	230 V	16 A
1202-2	Expert Power Control 1202-2	Safety socket connector Type E (France/Belgium)	230 V	16 A
1202-3	Expert Power Control 1202-3	Safety socket connector Type J (Switzerland), automatic cut-out as per SEV1011:2009/A1:2012	230 V	10 A
1292-1	Expert Power Control 1292-1	Safety socket 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	Safety socket 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	Safety socket 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	Cable sensor with splash-proof sensor head (IP64), Mini-DIN connector, -20°C to +80°C, cable ca. 2.3 m		
7002	Temp., Humidity Sensor 7002	Cable sensor, Mini-DIN connector, -20°C to +80°C, 0-90% humidity, cable ca. 2.3 m		
0520	GSM Rod Antenna 0520	Magnetic mount rod antenna with cable and SMA plug, cable ca. 5.5 m		
0560	GSM Rod Antenna 0560	Rod antenna with SMA plug (included in delivery)		