

PRODUCT- AND DATA SHEET

QuiPower Core



QuiPower Core is the brain of the QuiPower platform that controls, analyzes, and takes action based on the property's prevailing conditions and needs. The installation for QuiPower Core is wall-mounted and it communicates with both the energy storage and the hybrid inverter to be able to intelligently regulate the energy flows to and from the property. The unit is also connected to the property's network, which enables real-time visualization of ongoing management and historical data.

The energy flows in the property can be monitored and managed via the QuiPower app, which the user can easily download to the mobile phone. Configuration of user-specific settings can be done from the app; for example, selection of different scenarios such as peak-shaving, tariff management, time-shifting, or smart car charging.

Order data

Model name: QPC EMS Central
Article number: 300470

Key features

- Dynamic control of the properties power and energy needs.
- Visualisation of the property's energy usage
- Prepared for backup power with QuiPower Off-Grid

The QuiPower platform

Designed to create energy comfort in properties. Whether you need intelligent energy storage, dynamic car charging, automated lighting control or backup power during power outages, QuiPower helps you make your property more energy efficient. Daytime. Nighttime. Anytime.



ENERGY TRANSFORMATION IS HERE. IT'S TIME TO TAKE CHARGE.

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Technical Data

| | |
|--|---|
| Supply voltage AC [V] | 100 240 -15% .. +10% |
| Frequency [Hz] | 50 60 (+/-) 10% |
| Supply voltage DC [V] | 22 27 PELV |
| Fuse rated current AC [A] | C10 |
| Fuse rated fuse DC [A] | T4 |
| Outputs [V] | 250 AC 24 DC |
| 2 changeover contacts | 1000 VA 100W |
| 2 open drain | - max. 500 mA |
| Max power consumption [W] | 60 |
| Communication interface | RS485 / CAN / Modbus TCP / Ethernet / USB |
| Heat dissipation | Natural cooling |
| Humidity | <95 RH (non-condensing) |
| Installation/Mounting | Wall-mounted |
| Dimensions [WxHxD, mm] | 300 x 330 x 120 |
| Weight [kg] | 6 |
| Degrees of protection [IP] | *44 / **20 |
| Impact protection rating [IK] | 5 |
| Operating temperature range [°C] | -5 +30 |
| Storage-/transportation temperature [°C] | -25 +50 |
| Altitude [m] | <2000 (non derating) |
| IEC / EN | 614389-1 / 3 |

*IP44 is achieved with close covers, including USB and RJ45 terminal covers.

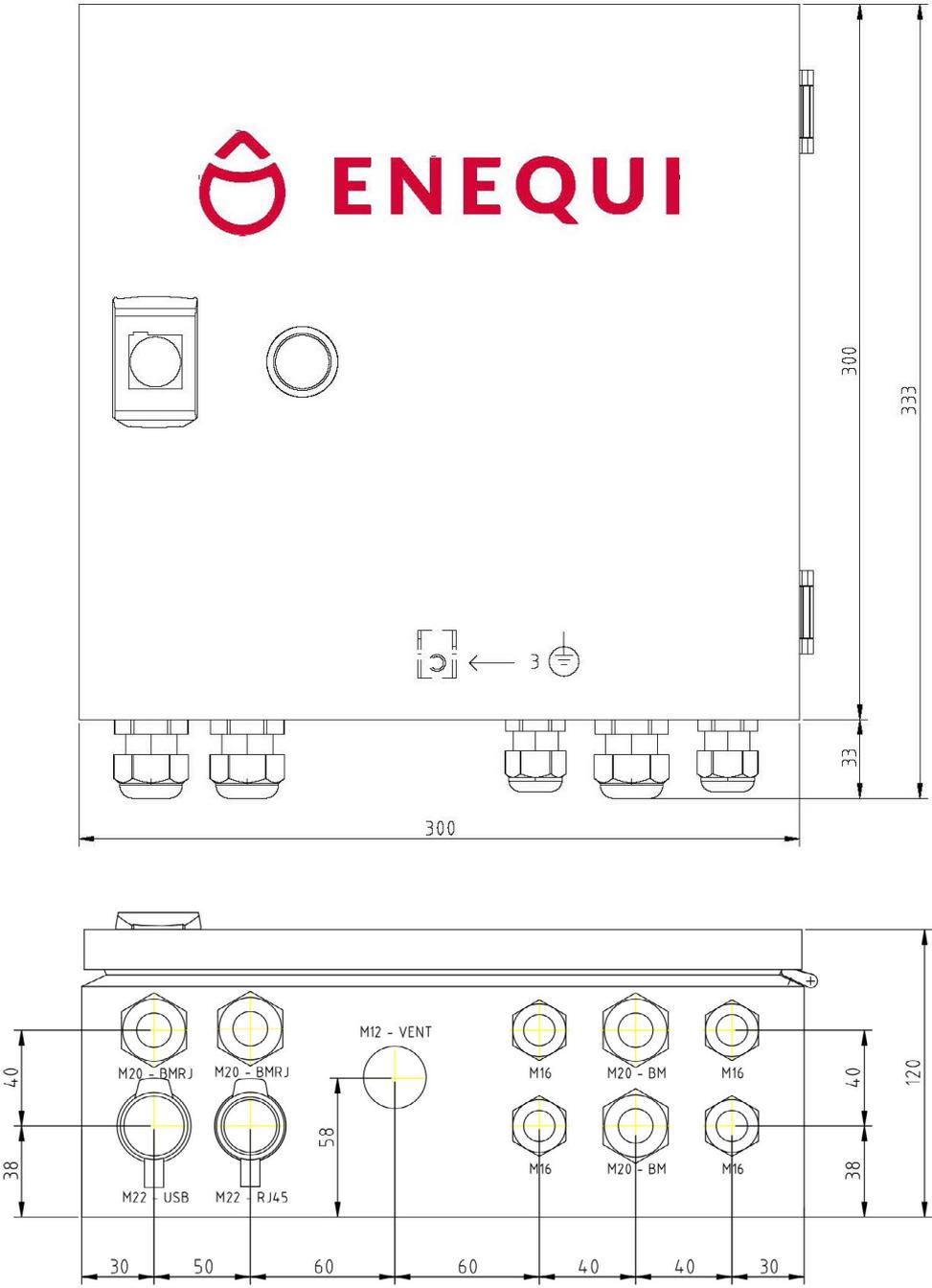
** IP rating reduces to 20 when a plug is connected to USB or RJ45 terminal.



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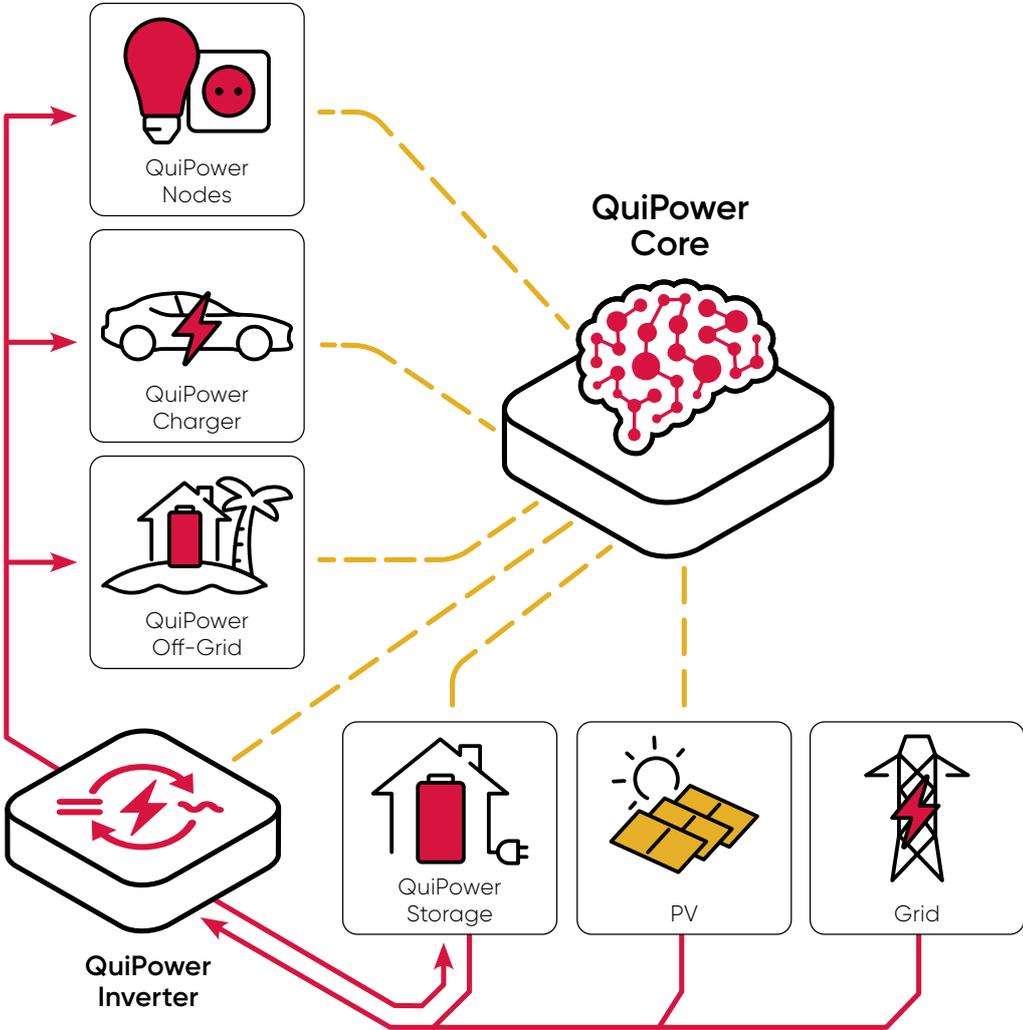
DRAWINGS QUIPOWER CORE



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QUIPOWER SYSTEM OVERVIEW



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