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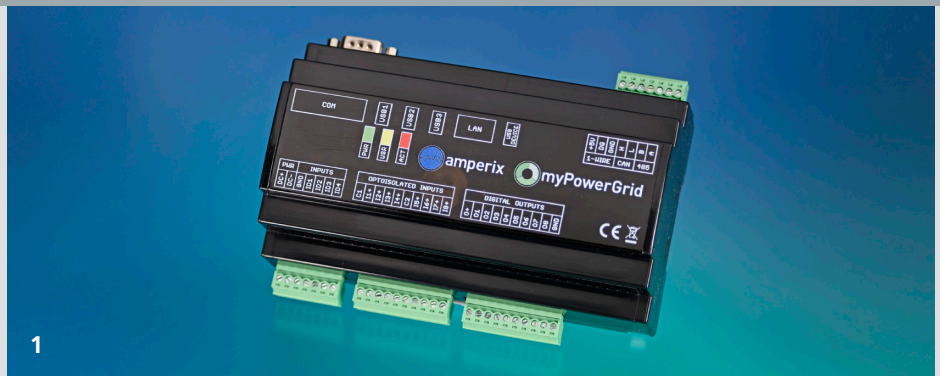

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amperix

1 *Amperix® – the multi-vendor Energy Management System*

AMPERIX JUST IN ALL CASES

Powerful Energy Manager for Cap Rail

Amperix® enables complete transparency by capturing all energy flows. Its locally autonomous Energy Management System (EMS) optimizes the use of all your generation and storage systems. The myPowerGrid Internet platform uplink provides professional tools for data visualization and analysis. Installation and configuration requires little effort thanks to the modularised EMS concept.

Multi-vendor capabilities of the EMS allow for highly individualized and precisely tailored systems according to your specifications.

Compatible with many Smart Energy Components

- Power Inverters
- SMA
- Siemens
- Studer
- Victron
- SunSpec
- Heat Pumps
  - SGready™ control via potential-free contacts
- Combined Heat and Power (CHP)
- Charging stations for electric vehicles

More Smart Energy Components can be integrated swiftly and easily thanks to the modular design of Amperix®.

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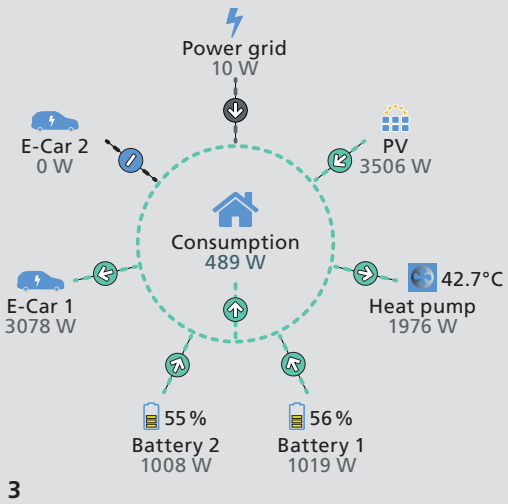

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2 *Amperix® – the Energy Management System just in all cases*

3 *The myPowerGrid web-platform offers the user access to the energy-balance in form of current data and forecasts.*

Integration of Energy Meters

- SML/OBIS meters
- Modbus meters
- SyM²
- VDE/FNN Basiszähler (German electricity meter standard)

Integration of Grid Services

- Secure data transfer via VPN
- Local access via JSON-RPC
- Local graphical web interface
- AMQP/JSON-RPC internet platform uplink

Connectors

- RJ45-Ethernet
- 3 USB Interfaces
- RS232
- RS485
- CAN
- 1-Wire
- 8 digital opto-isolated inputs
- 4 dry contact inputs
- 8 open drain outputs
- Interfaces expandable via USB

Installation

- Cap-Rail mountable
- Connection of a 12/24 V DC power supply
- Low power consumption (peak 5.5 watts)