



MidTeQ PULSE

Energy management system

✓ Core Function

- Optimizes solar energy usage for maximum efficiency and savings.
- Intelligent energy management system integrating all MidTeQ components

✓ Operating modes

- Cost optimization
- Self-consumption optimization
- Peak reduction
- Smart Energy Savings: Intelligent trading with dynamic electricity tariffs.*

* Participation in energy trading depends on regulatory conditions and your energy supplier. MidTeQ.PULSE is technologically ready for it.

✓ Multiple devices control

- RS485, Modbus TCP (RJ45), HTTP API, 4G/LTE (optional)

✓ Easy installation

- Suitable for DIN rail



Model	MidTeQ PULSE OM1
Housing	Suitable for DIN rail
Dimensions	102mm x 73mm x 35mm
Weight	500g
Ambient temperature	-25°C → +60°C
Power supply	12V / 2A power adapter
Interfaces	Charging station, Energy meter, Battery system, PV inverter, Heat pump
Control	RS485, Modbus TCP (RJ45), HTTP API, 4G/LTE (optional)
Digital meter interface	P1 (RJ11 to USB cable optional)
Network	1 x RJ45 Gigabit Ethernet
Configuration	Online portal (pulse.midteq.com) and mobile app
Operating modes	Cost optimization, Self-consumption optimization, Peak reduction