# EMS-EU-G1

## ENHANCED ENERGY MANAGEMENT




## Product advantages

- Dynamic energy management of Sofar and third party devices like inverters, batteries, EV charger, heat-pump, energy meters and more
- Intelligent sector coupling of generation and consumption
- Forecast demand based on usage patterns
- Weather sensitive generation forecasts
- Integrated Peak Shaving, Curtailment and Grid Protection functionality
- Provides access to energy markets to optimize against spot market and day-ahead price (dynamic tariffs)
- Supports imbalance, FCR and other ancillary markets



| Model | EMS-EU-G1 |
|---|---|
| **System Parameters** | |
| Power supply | 12Vd.c., 2A via 230V adaptor |
| Interface for inverter, battery, wallbox, heat pump | Modbus TCP over RJ45 RS232 / RS485<br>2 x digital output(0-50Vdcor 0-30Vac relay)<br>HTTP API |
| Interface for digital meter | With supplied RJ11 to USB cable |
| Ethernet | RJ45×1, gigabit ethernet |
| Installation methods | DIN rail / wall mounting |
| Dimensions(W×H×D) | 127×125×51mm |
| Weights | 272g |
| Operating Temperature Range | 272g -10°C to +60°C |

*All specifications are subject to change without notice.

