



# BAYLAN MP-04 Modüler Modem



## General Specifications

- GSM/EDGE (B3/B8), WCDMA (B1/B8), LTE-FDD (B1/B3/B7/B8/B20/B28), LTE-TDD (B38/B40/B41)
- GSM/GPRS (2G/3G/4G) communication (Automatic switching feature)
- LTE Cat 4 category • Compatible with all operators
- Arm Cortex High-Speed Microcontroller • Single Relay, RS-485, digital input
- Remote and local software update
- Access control in transparent mode
- SMS, FTP, Real-time clock (RTC) and NTP support
- Defining and executing scheduled and periodic tasks
- Reporting the status of power, terminal covers and inputs to the data center
- Automatic speed adjustment of 300-115200 baud depending on the type of Electricity Meter
- Ability to operate with the system battery in case of power failure (optional 60-120 min.)
- Short and Long Readout in compliance with IEC 62056-21C protocol, OBIS Code and Payload Profile Reading • MASS protocol support • MQTT support
- 32MB internal memory (Optional increase)
- E-SIM (Embedded SIM support optional)
- Smart restart (Hardware Reset) feature



## Technical Specifications

Model Name	MP-04
Reference DC Voltage	12V DC
Maximum Current Consumption	110mA
Maximum Power Consumption	1.32W
IP Class	IP50 (Outdoor)
Protection Class	Two (2)
Operating Temperature	-40 °C, +70 °C
Communication Speed and Interface	RS485, GSM/GPRS, LTE, USB Type-C 2.0
Relevant Standards	EN 62368-1 / EN 55032 / EN 55035
Memory	32 MB (Upgradable to 64 MB)
Relay Output	1
Digital Input	1
Protocols	IEC 62056-21 Mass Protocol

"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."