



# RDC Charger

## User manual



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# BM-GW

## BTMS IOT Gateway



Order code:	<b>BM-GW-01</b>	NO GSM modem
	<b>BM-GW-02</b>	With GSM modem
Mounting:	DIN rail	
Dimensions:	86 x 114 x 30 mm	

## Highlights & Features

- Local WEB UI
  - real-time data display
  - data logging
  - history data display (tables, time-plots)
  - history and real-time data download
  - e-mail, SMS alarming
- Robust and safe connection of BTMS system to BTMS cloud platform.

- Secure access and communication (TLS encryption)
- Local data buffer, no data loss
- User data safety according to GDPR
- Secure remote access to BM-C controllers

## System specifications

- Up to:
  - **32strings arbitrarily distributed on several UPSs**
  - **120 batteries / string** (3840 batteries / system)
  - **Temperature and humidity** sensor for each string
- Logging data for one year by automatically deleting old data
- Send e-mail and SMS alarms directly from the device

## HW Technical specification

<b>Power supply:</b>	12 VDC 2A max
<b>Construction:</b>	Extruded aluminum IP30
<b>CPU:</b>	Rockchip RK3588 Quad-core ARM Cortex-A76(up to 2.4GHz) and quad-core Cortex-A55 CPU (up to 1.8GHz)
<b>System Memory:</b>	4 GB LPDDR4X at 2133MHz
<b>Storage:</b>	eMMC Flash 32GB, 256 GB SSD
<b>Ethernet:</b>	2 x RJ-45 10/100/1000/2500 Mbps
<b>LTE:</b>	Cat 4 Quectel EG25-G Mini PCIe
<b>Working temp.:</b>	0°C to +70°C
<b>Humidity:</b>	0% to 95%
<b>Vibration Endurance:</b>	2 Gms with storage (5 to 500Hz, X/Y/Z direction; random, operating)

## Wiring

