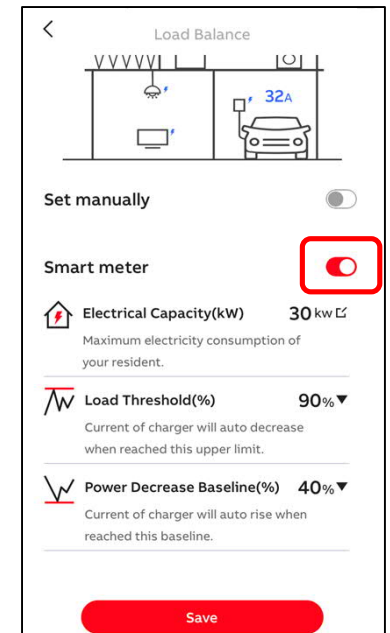
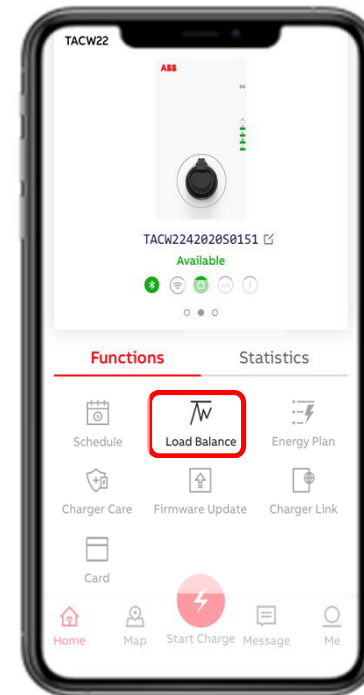


Charger Firmware 1.0.10/ 1.0.11 release note

Fully connected

New supporting features

- Free vending support in TerraConfig App v1.3.0
- OCPP server address with Path in TerraConfig App v1.3.0
- User-settable Max current 10A/16A/32A in TerraConfig App v1.3.0
- RFID card management in ChargerSync App v1.3.0
- **Load balance with smart meter MODBUS RTU + single charger in ChargerSync App v1.3.0**
- OCPP smart charging, ChargePointMaxProfile, TxDefaultProfile and TxProfile. Additional OCPP document will explain total detailed coverage.



Smart Meter Energy meter

Fully connected

New supporting features

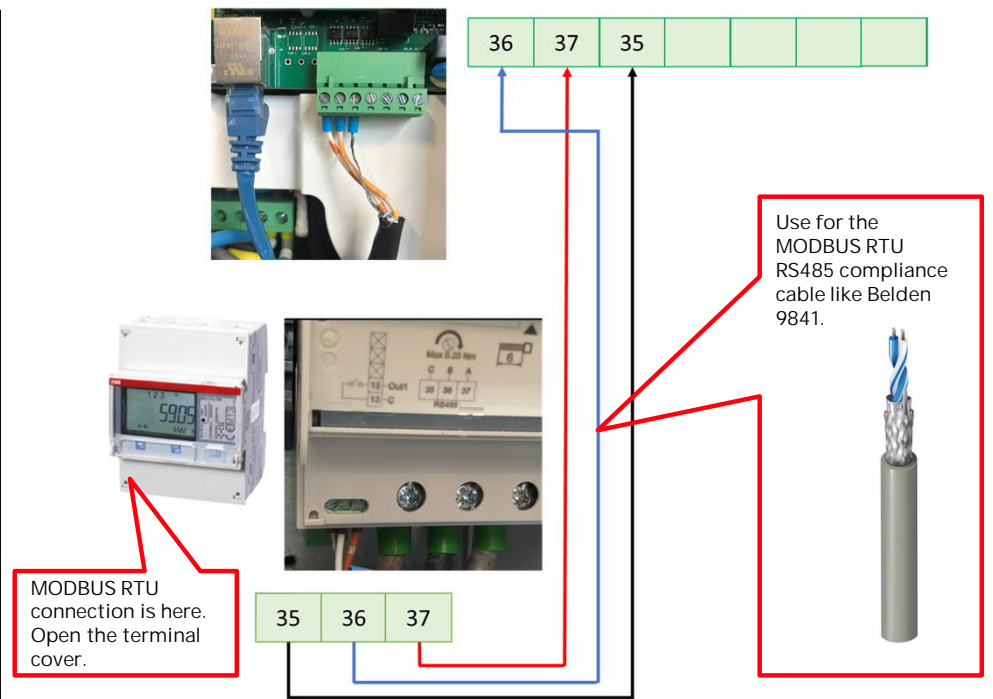
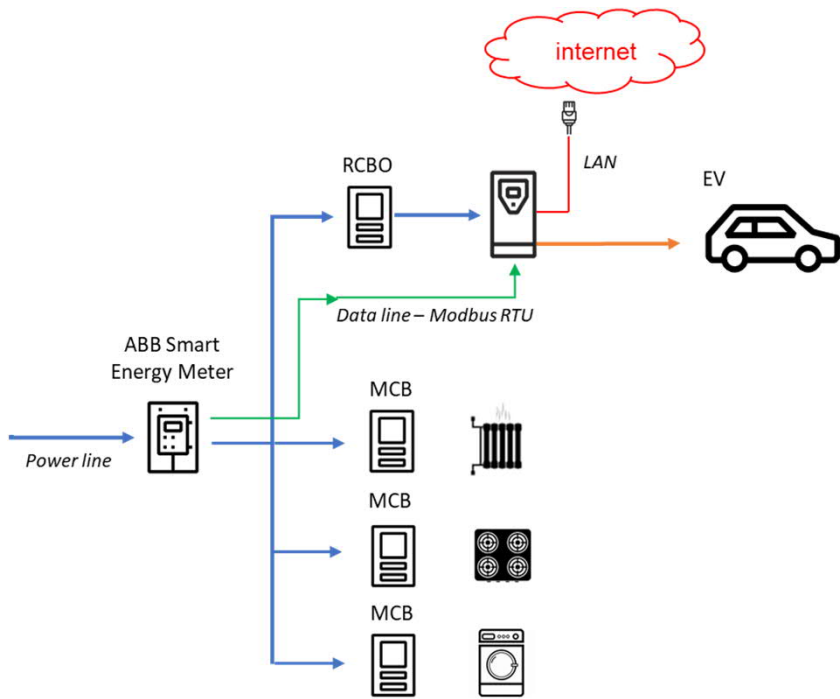
- Single / Three phase?
 - Example single phase B21-112-100
 - three phase B23-112-100
- Direct or indirect connected?
 - Example direct connected B23-112-100
 - indirect connected B24-112-100
 - image of current transformer
- MODBUS RTU
 - Example B21-112-100
 - B23-112-100
 - B24-112-100



	A	4	3	1	1	2	-	1	0	0
	3	4	5	6	7	8		9	10	11
Enclosure - 7 DIN, 4 DIN Advanced	A									
Enclosure - 4 DIN, 2 DIN Basic Low	B									
Enclosure - 3 DIN, 1 DIN Competitive	C									
Electronics - Competitive		1								
Electronics - Basic Low		2								
Electronics - Advanced		4								
Single phase direct connected			1							
Single phase indirect connected			2							
Three phase direct connected			3							
Three phase indirect connected			4							
Functionality level - Iron				0						
Functionality level - Steel				1						
Functionality level - Bronze				2						
Functionality level - Silver				3						
Functionality level - Gold				4						
Functionality level - Platinum				5						
Accuracy class 1.0					1					
Accuracy class 2.0					2					
Accuracy class 0.5					5					
Interface - No interface						0				
Interface - IR port only						1				
Interface - RS-485 port						2				
Interface - M-Bus						3				
IEC approved + MID approved and verified								1		
IEC approved + GOST approved and verified								2		
IEC approved								3		
CCC approved (China)								4		
ABB standard version									0	
Industrial version									1	
Rail application version									2	
ABB standard version										0
Customer specific version 1										1
.....									
.....									
Customer specific version 9										9
Customer specific version A										A
Customer specific version B										B
.....									

Smart Meter Energy meter

Fully connected



Smart Meter Energy meter











Fully connected

What and How to configure

- Select communication interface: 'Modbus'
- Set address '1'
- set baudrate '9600'
- Parity 'none'

4.1.9 Setting RS485

The RS485 uses the EQ-Bus and the Modbus protocols to communicate. To set the RS485 communication depending on protocol, perform the following steps:

Step	EQ-Bus	Modbus
1	Choose the Settings icon in the main menu, press  .	Choose the Settings icon in the main menu, press  .
2	Choose communication interface.	Choose communication interface.
3	Choose EQ-Bus.	Choose Modbus.
4	Press  once to get to the next menu. The display will show the baudrate. See table <i>Table 4:6</i> for baudrate options. Set baudrate.	Press  once to get to the next menu. The display will show the baudrate. See <i>Table 4:6</i> for baudrate options. Set baudrate.
5	Press  once to get to the next menu. The display will show the address. See <i>Table 4:6</i> for address range. Set address.	Press  once to get to the next menu. The display will show the address. See <i>Table 4:6</i> for address range. Set address.
6	Press  once to get to the next menu. The display will show the Oct. TO. See <i>Table 4:6</i> for options. Set Oct. TO	Press  once to get to the next menu. The display will show the Parity. See <i>Table 4:6</i> for options. Set Parity.
7	Press  once to get to the next menu. The display will show the Inac. TO. See <i>Table 4:6</i> for options. Set Inac. TO	
	Press  once to get to the next menu. The display will show if the password is to be reset. See <i>Table 4:6</i> for options. Set the option.	