

Register settings for OB737

BMS uses Modbus PLC style register addressing

Use this section if your BMS uses register addresses like 40001

32 bit integer number

Item	Address
Import Energy kWh	40353
Export Energy kWh	40359
Voltage Phase1 Volt	40017
Voltage Phase2 Volt	40019
Voltage Phase3 Volt	40021
Current Phase 1 Amp	40081
Current Phase 2 Amp	40083
Current Phase 3 Amp	40085
Power Factor	40343

IEEE floating point number

Item	Address
Import Energy kWh	40353
Export Energy kWh	40359
Voltage Phase1 Volt	40017
Voltage Phase2 Volt	40019
Voltage Phase3 Volt	40021
Current Phase 1 Amp	40081
Current Phase 2 Amp	40083
Current Phase 3 Amp	40085
Power Factor	40343

BMS uses Function Code and Address

use this section if BMS requires the address using decimal notation

32 bit integer number use Function code 3

Item	Address
Import Energy kWh	352
Export Energy kWh	358
Voltage Phase1 Volt	16
Voltage Phase2 Volt	18
Voltage Phase3 Volt	20
Current Phase 1 Amp	80
Current Phase 2 Amp	82
Current Phase 3 Amp	84
Power Factor	342

IEEE floating point number use Function code 4

Item	Address
Import Energy kWh	352
Export Energy kWh	358
Voltage Phase1 V	16
Voltage Phase2 V	18
Voltage Phase3 V	20
Current Phase 1 A	80
Current Phase 2 A	82
Current Phase 3 A	84
Power Factor	342

BMS uses Function Code and Address

Use this section if the BMS requires the addresses in Hexadecimal

32 bit integer number use Function code 3

Item	Address
Import Energy kWh	0x0160
Export Energy kWh	0x0166
Voltage Phase1 Volt	0x0010
Voltage Phase2 Volt	0x0012
Voltage Phase3 Volt	0x0014
Current Phase 1 Amp	0x0050
Current Phase 2 Amp	0x0052
Current Phase 3 Amp	0x0054
Power Factor	0x0150

IEEE floating point number use Function code 4

Item	Address
Import Energy kWh	0x0160
Export Energy kWh	0x0166
Voltage Phase1 Volt	0x0010
Voltage Phase2 Volt	0x0012
Voltage Phase3 Volt	0x0014
Current Phase 1 Amp	0x0050
Current Phase 2 Amp	0x0052
Current Phase 3 Amp	0x0054
Power Factor	0x0150