

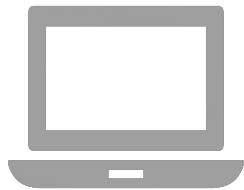
WeCo Monitoring Quick Guide

- PC windows Windows 10
- WeCo Monitor Software
- Netframe 3.5 or superior
- USB 232 Converter with screw terminal (not included)
- Latest driver and firmware available from the USB-RS22 converter supplier
- Cable RJ 45 232 (included in the battery kit)
- Latest firmware for WeCo 4K4 Available (enquiries: weco@weco.uk.com)

WECO



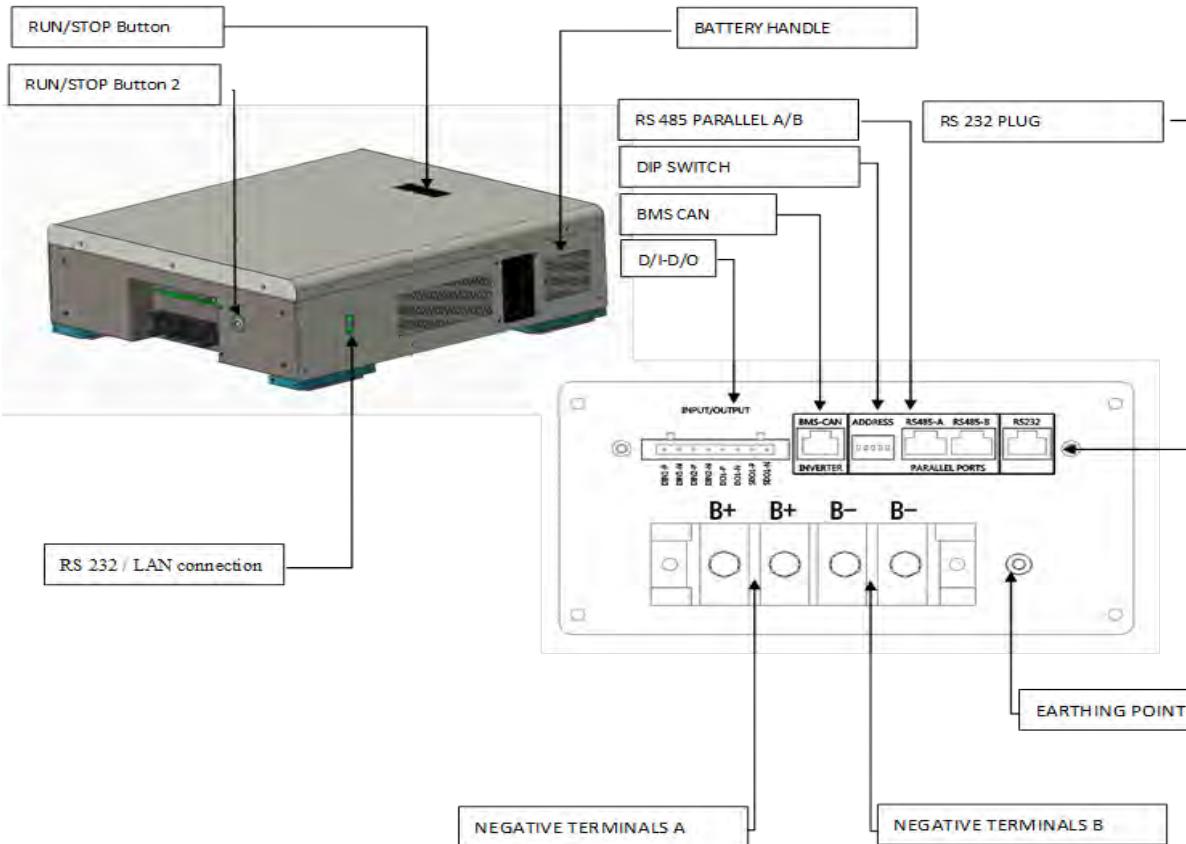
USER FREE ACCESS



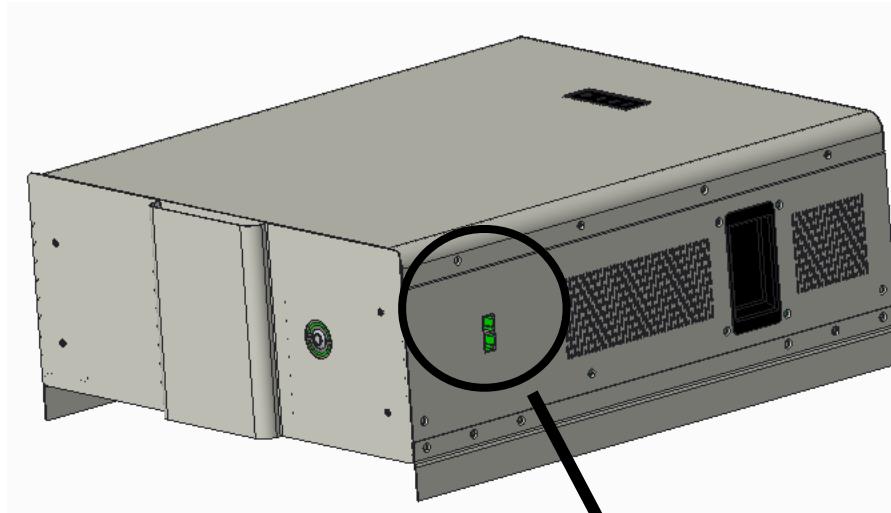
RESTRICTED ACCESS

PASSWORD:

The battery has 2 RS 232 Ports, one on the side one in the connection HUB
 Never use the two ports at the same time



RS 232 RJ45 port is located on the side of the battery



RS 232
CONNECTION



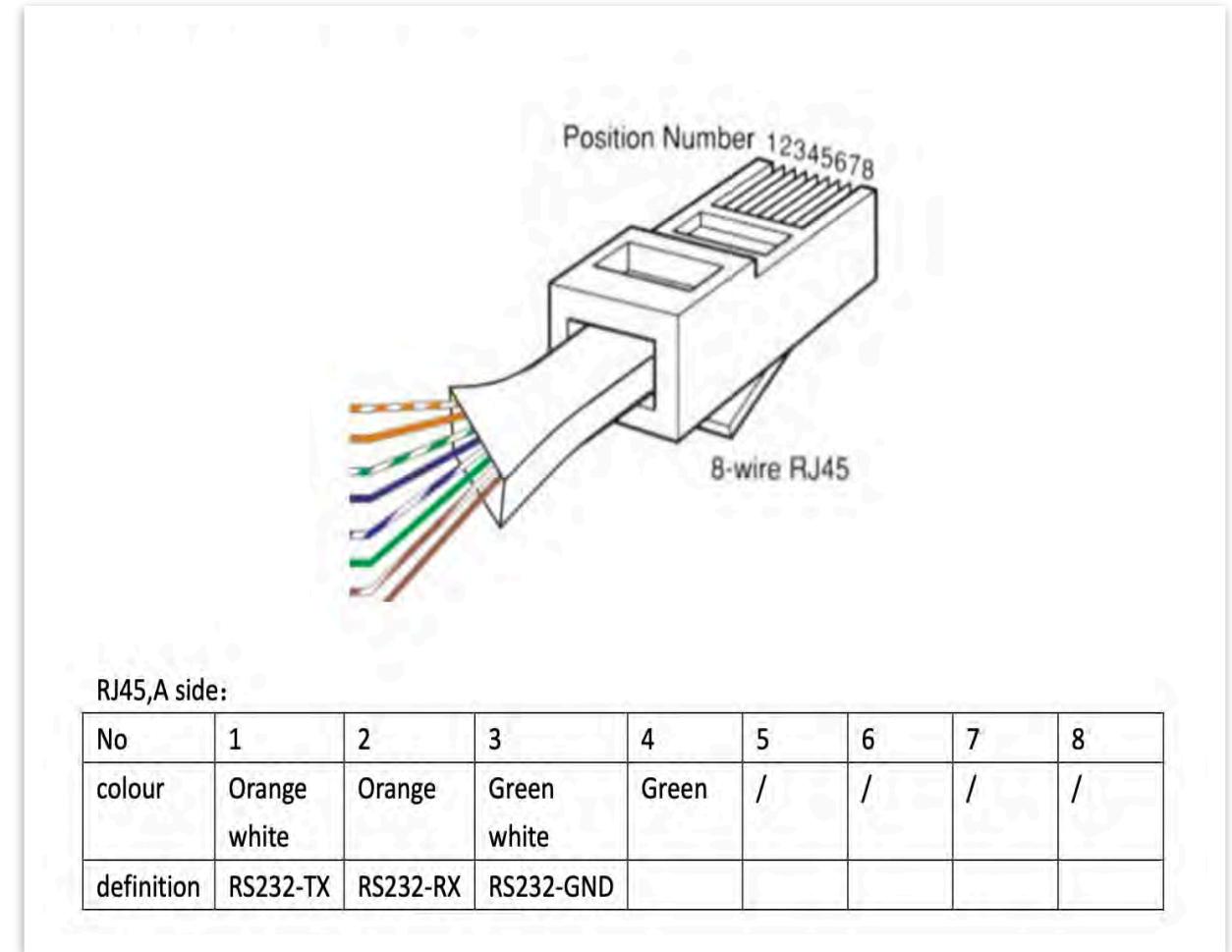
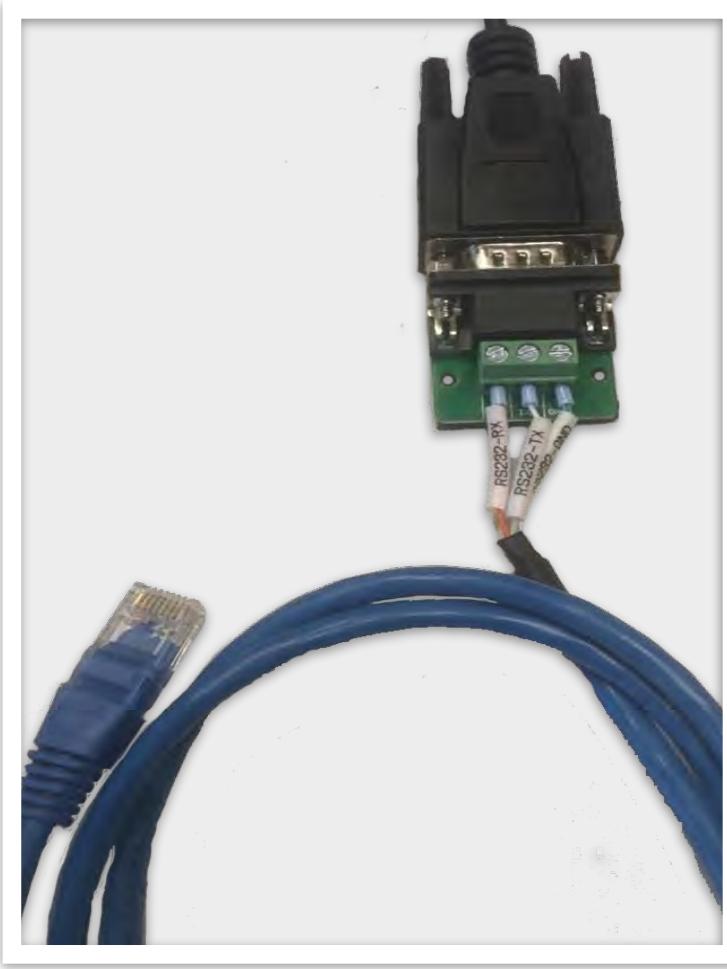


RS 232/USB serial converter

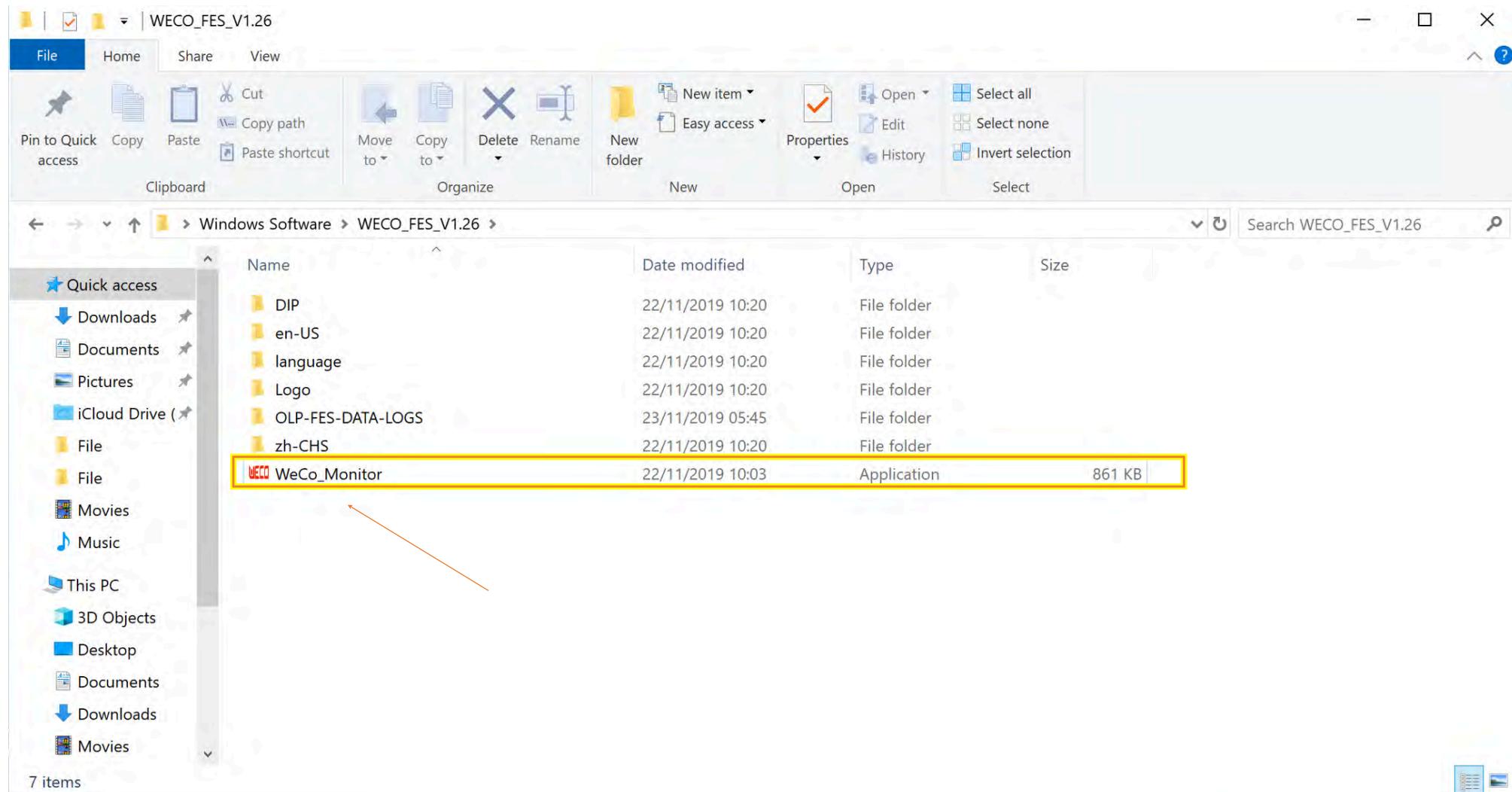
1. Standard USB/rs232 Converter (to be purchased by the installer)
2. Screw Terminal DB9 TX RX GND to be connected with the USB-RS232 Converter
3. Connect the RJ 45 rs 232 Cable provided with the battery
4. Plug the USB terminal of the converter into the PC port
5. From Windows Menu, search for DEVICE MANAGER
6. From DEVICE MANAGER search for the COM/LPT
7. Identify the COM number of the converter by removing and insert the USB plug
8. Select it and search any new driver for the converter by following the instructions in the specific section of the Windows Menu
9. Open the ZIP file WeCo Monitor.
10. Drag/drop the folder- WeCo_Monitor into the desktop.
11. Open the folder and select> WeCo_Monitor.exe (open it)



SERIAL CONVERTER RS 232/USB PIN OUT



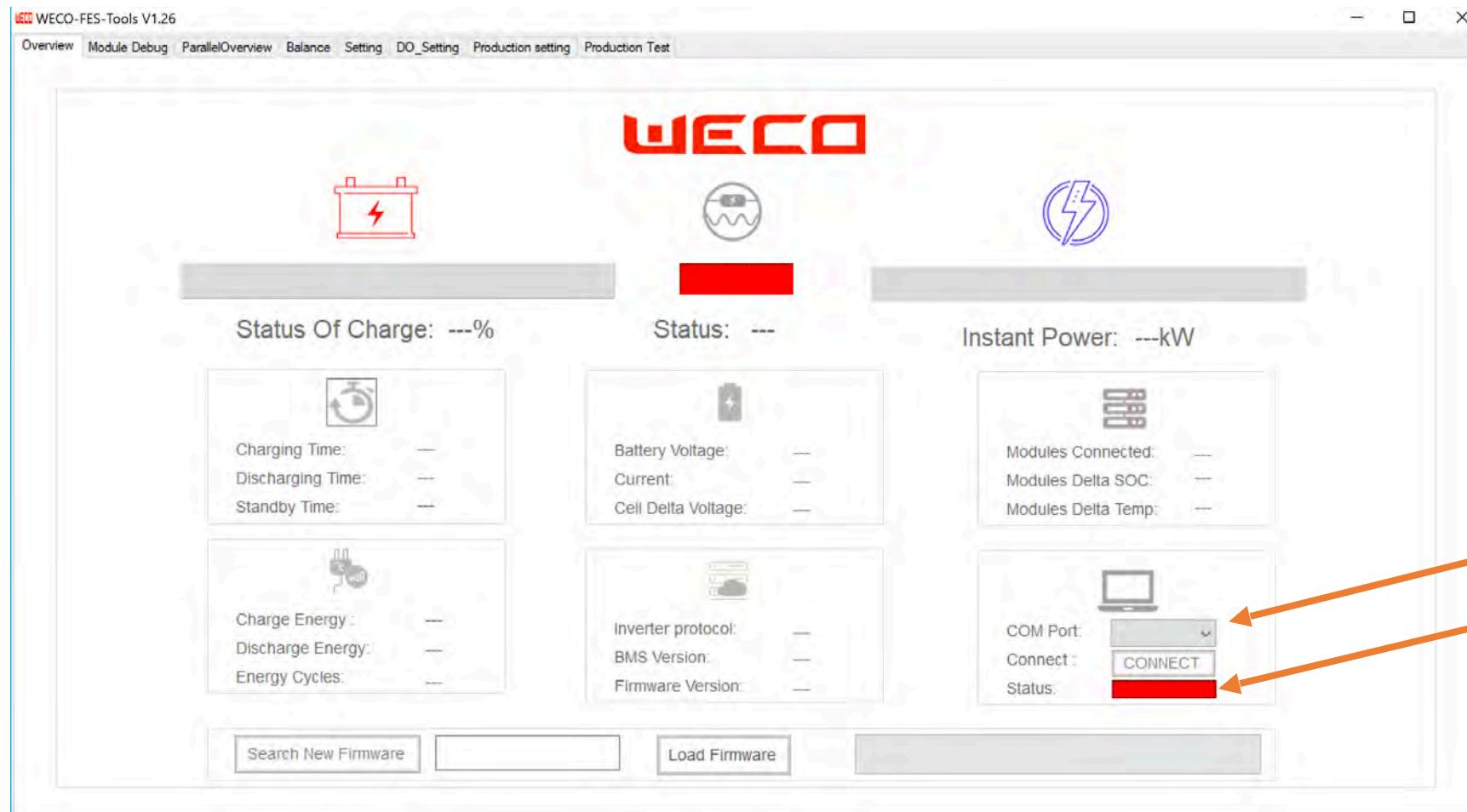
Select the WeCo monitor File



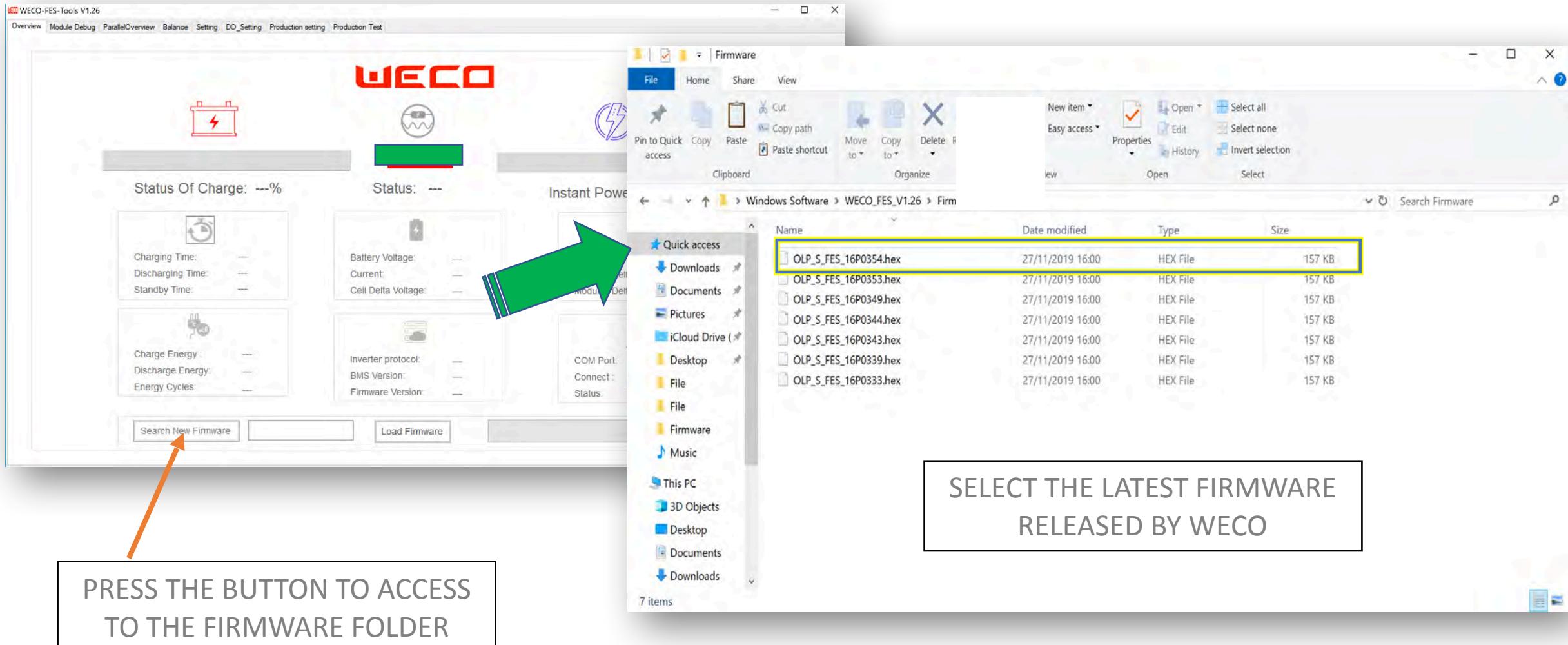
Software Access -USER FREE-



COM selection and Program Start-up

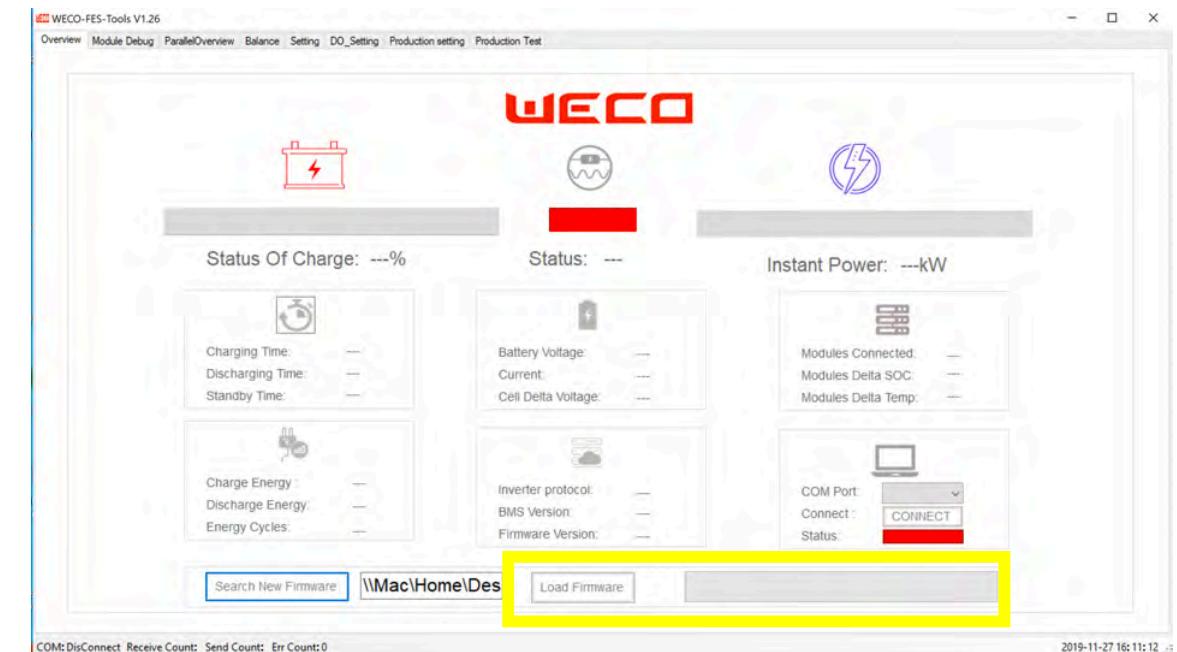
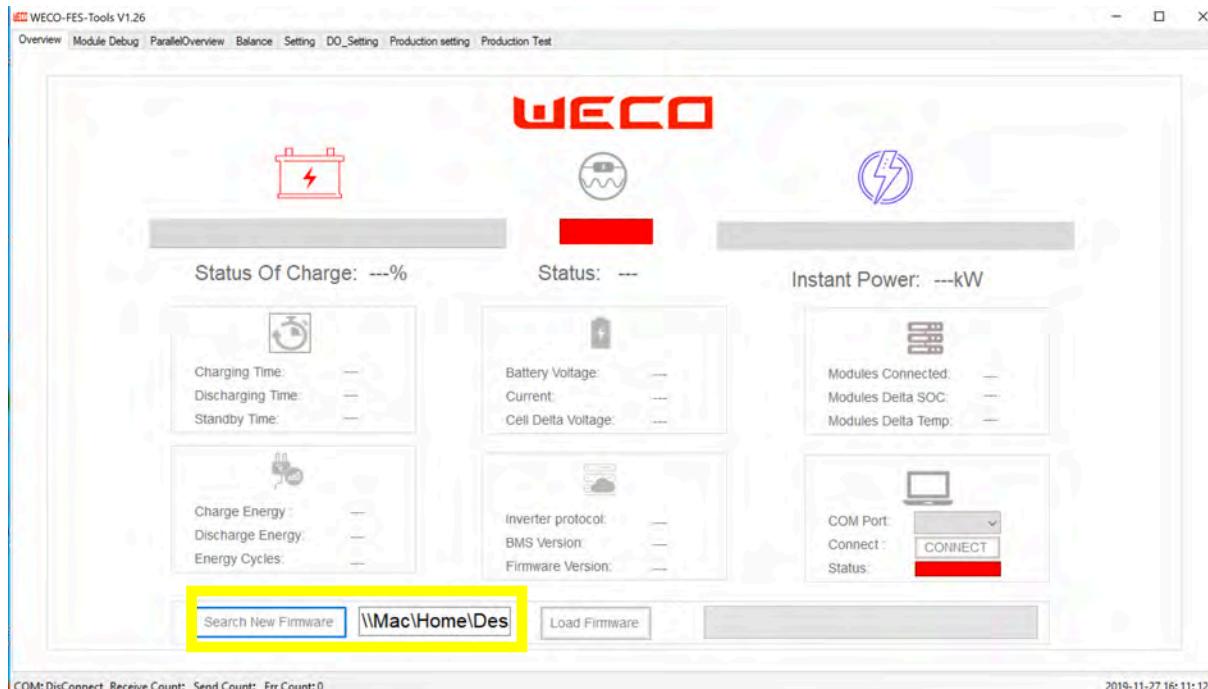


Search from the latest firmware



PRESS THE BUTTON TO ACCESS
TO THE FIRMWARE FOLDER

Upload the firmware Press load firmware to upgrade



MAKE SURE THE FIRMWARE HAS
BEEN UPLOADED

PRESS LOAD AND WAIT FOR THE
UPLOADING PROCESS

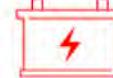
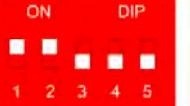
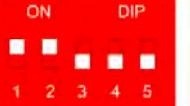
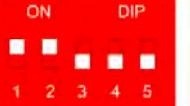
Battery Parallel Overview

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Overview ParallelOverview

Parallel Data

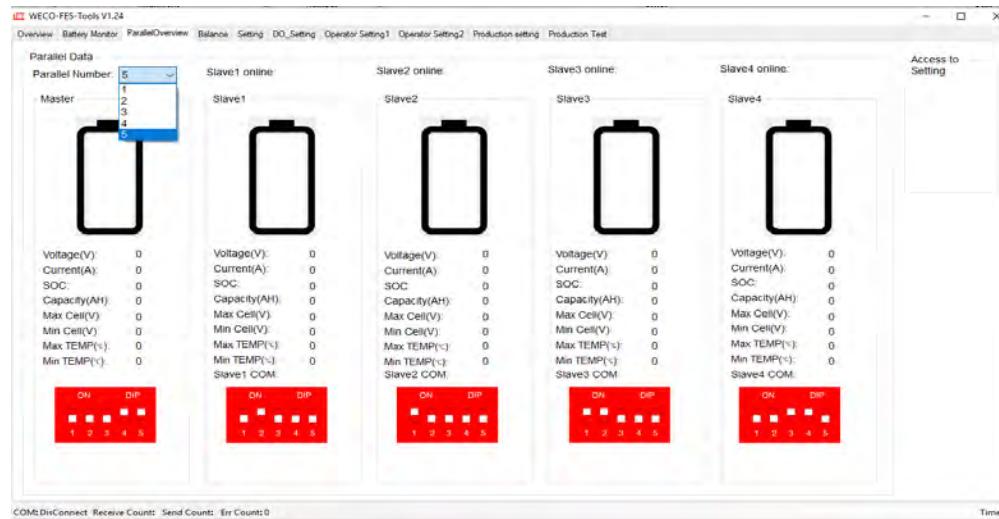
Parallel Number: 5

Master	Slave1 online:	Slave2 online:	Slave3 online:	Slave4 online:	System Summary								
													
SOC: 0	SOC: 0	SOC: 0	SOC: 0	SOC: 0	DELTA SOC%: 0								
Voltage(V): 0	Voltage(V): 0	Voltage(V): 0	Voltage(V): 0	Voltage(V): 0	DELTA Vdc: 0								
Current(A): 0	Current(A): 0	Current(A): 0	Current(A): 0	Current(A): 0									
Power(kW): 0	Power(kW): 0	Power(kW): 0	Power(kW): 0	Power(kW): 0	ACTUAL POWER: 0								
Capacity(AH): 0	Capacity(AH): 0	Capacity(AH): 0	Capacity(AH): 0	Capacity(AH): 0	TOTAL CURRENT: 0								
Max Cell(V): 0	Max Cell(V): 0	Max Cell(V): 0	Max Cell(V): 0	Max Cell(V): 0	TOTAL VOLTAGE: 0								
Min Cell(V): 0	Min Cell(V): 0	Min Cell(V): 0	Min Cell(V): 0	Min Cell(V): 0									
Max TEMP(°C): 0	Max TEMP(°C): 0	Max TEMP(°C): 0	Max TEMP(°C): 0	Max TEMP(°C): 0	RUNNING TIME: 0								
Min TEMP(°C): 0	Min TEMP(°C): 0	Min TEMP(°C): 0	Min TEMP(°C): 0	Min TEMP(°C): 0	CHARGE TIME: 0								
<table border="1"> <tr> <td>Slave1 COM:</td> <td>Slave2 COM:</td> <td>Slave3 COM:</td> <td>Slave4 COM:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Slave1 COM:	Slave2 COM:	Slave3 COM:	Slave4 COM:					DISCHARG TIME: 0
Slave1 COM:	Slave2 COM:	Slave3 COM:	Slave4 COM:										
													

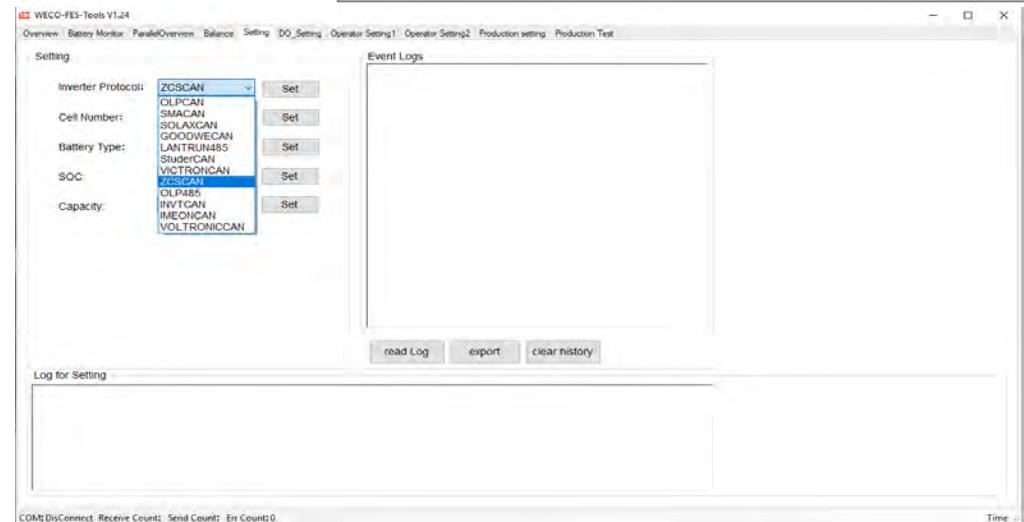


AUTHORIZED OPERATORS SECTION

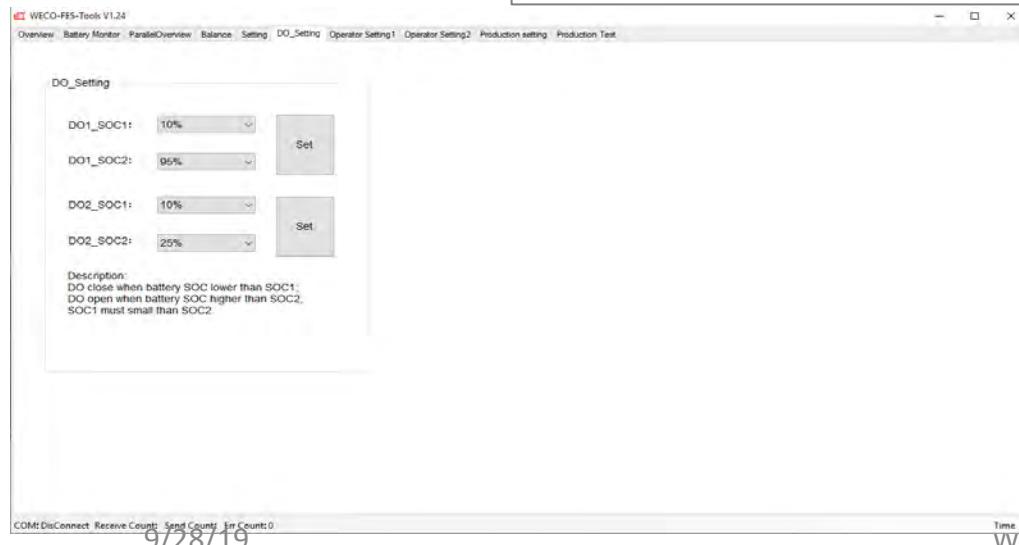
UNITS IN PARALLEL



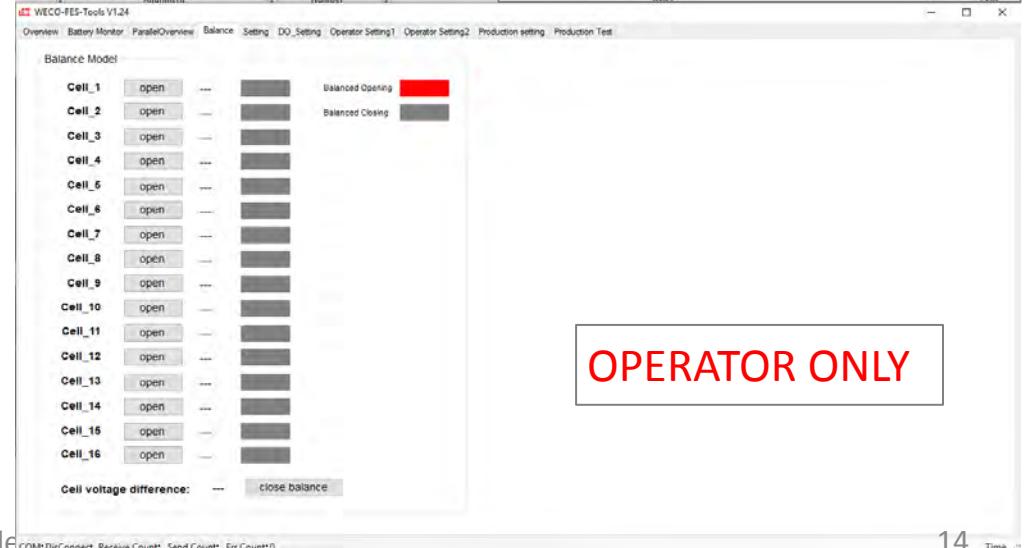
CHANGE INVERTER PROTOCOL



SET THE DRY CONTACTS



SINGLE CELL EQUALIZER



OPERATOR ONLY

OPERATOR ONLY

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Setting

Setting Value	label568	Current Value	Setting Value	label569	Current Value
—	V	Charge TEMP High Cutoff:	—	—	— °C
—	S	Charge TEMP High Recovery:	—	—	— °C
—	V	Charge TEMP High Cutoff Time:	—	—	— S
—	S	Charge TEMP Low Cutoff:	—	—	— °C
—	V	Charge TEMP Low Recovery:	—	—	— °C
—	S	Charge TEMP Low Cutoff Time:	—	—	— S
—	V	Discharge Current High Limit Level1:	—	—	— A
—	S	Discharge Current High Time Level1:	—	—	— S
—	V	Discharge Current High Recovery Time Level1:	—	—	— S
—	S	Discharge Current High Limit Level2:	—	—	— A
—	V	Discharge Current High Time Level2:	—	—	— S
—	S	Discharge Current High Recovery Time Level2:	—	—	— S
—	V	Discharge TEMP High Cutoff:	—	—	— °C
—	S	Discharge TEMP High Recovery:	—	—	— °C
—	V	Discharge TEMP High Cutoff Time:	—	—	— S
—	S	Discharge TEMP Low Cutoff:	—	—	— °C
—	V	Discharge TEMP Low Recovery:	—	—	— °C
—	S	Discharge TEMP Low Cutoff Time:	—	—	— S

Setting

Setting Value

label568

Current Value

Setting Value

label569

Current Value

WECO-FES-Tools V1.24

Setting

Setting Value	label559	Current Value
—	H	—
—	S	—
—	A	—
—	A	—
—	A	—

Just for Test

Temperature Sensor 1: — Check To Set Set — °C

Temperature Sensor 2: — Check To Set Set — °C

Temperature Sensor 3: — Check To Set Set — °C

Attention: Must Check the box and set will effective
If not Check the box and set will into normal

COM: DisConnect Receive Count: Send Count: Err Count: 0

WECO-FES-Tools V1.24

Production Set

0A Calibration:	0A	Set
Current Calibration:	5A	Set
Battery Balance:	Enable	Set
GainValue:	—	Set
RunTime Clear:	—	Set
BatteryCycle Clear:	—	Set
Energy and Time count Clear:	—	Set
Product Serial Number:	—	Set
Restore BMS Default Parameters:	—	Set

Parameter Configuration Table

FileName: Import Export Set

Battery Management System Parameter List

Time

9/28/19

Time

Editor_Quick

Time

9/28/19

Time

15