How to program BMV-712 to suit Shervey Lithium

Solar n Sat SHERVEY POWER PRODUCTS

GEMBA DOCS

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Shervey Power Prism
BMV-712 Smart

🔋 13.30V | 📷 0.00A | 📋 99%

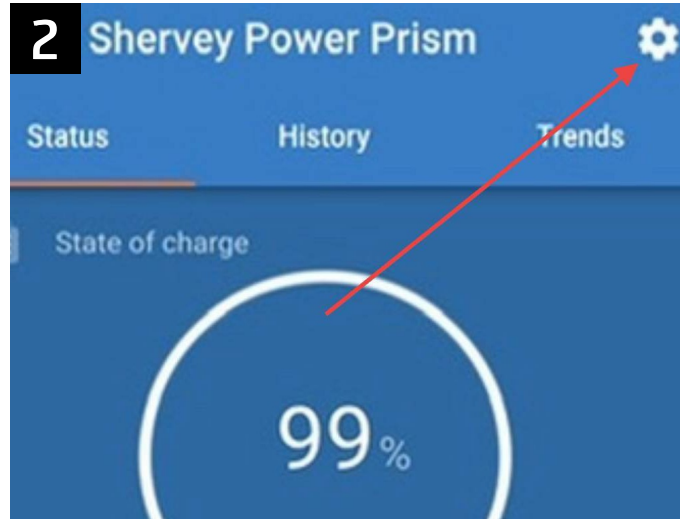Other devices

BSC IP65 12/10 HQ2052M41GJ
IP65 12 | 10

Cerbo GX

Step 1. Choose the appropriate device from the Victron Connect app

2

Shervey Power Prism ⚙️

Status | History | Trends

State of charge

99%

Step 2. Choose the "Setting" option from the menu

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Settings

Battery >
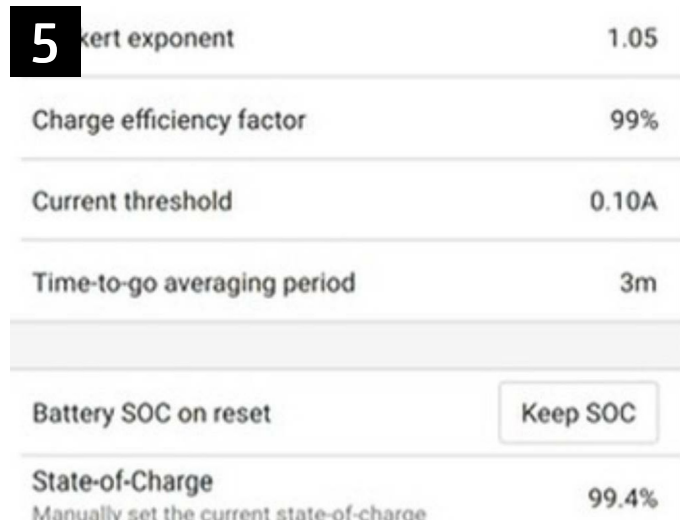Relay >
Alarm >
Display >
Misc
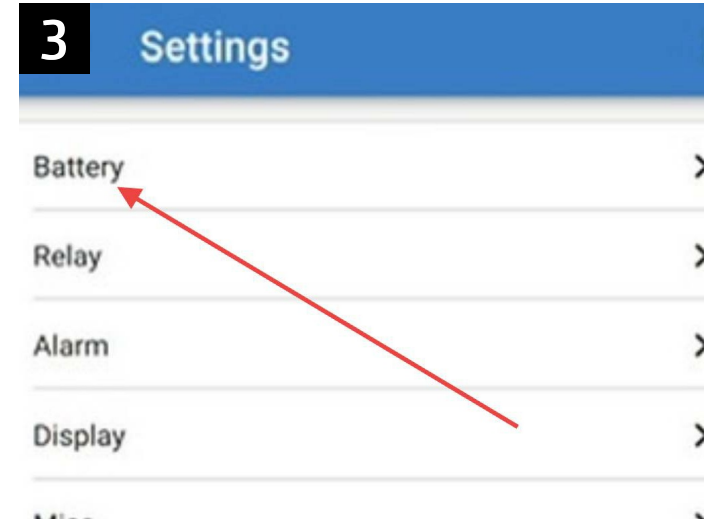
Step 3. Choose the "Battery" option from the menu

4

Battery settings

Battery capacity	80Ah
Charged voltage	14.0V
Discharge floor	20%
Tail current	4.00%
Charged detection time	3m
Peukert exponent	1.05
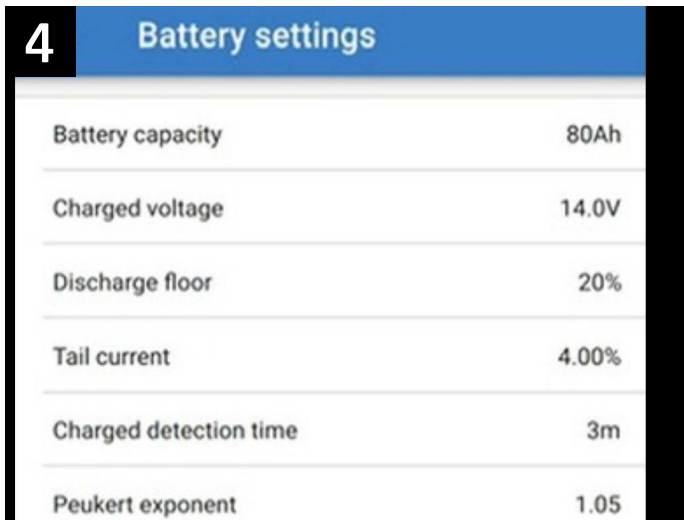
Step 4. Set the "Battery capacity" to suit your battery Copy following settings from the settings above

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kert exponent	1.05
Charge efficiency factor	99%
Current threshold	0.10A
Time-to-go averaging period	3m
Battery SOC on reset	Keep SOC
State-of-Charge Manually set the current state-of-charge	99.4%

Step 5.Copy settings from above

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Settings ⋮

Battery >
Relay >
Alarm >
Display >
Misc >
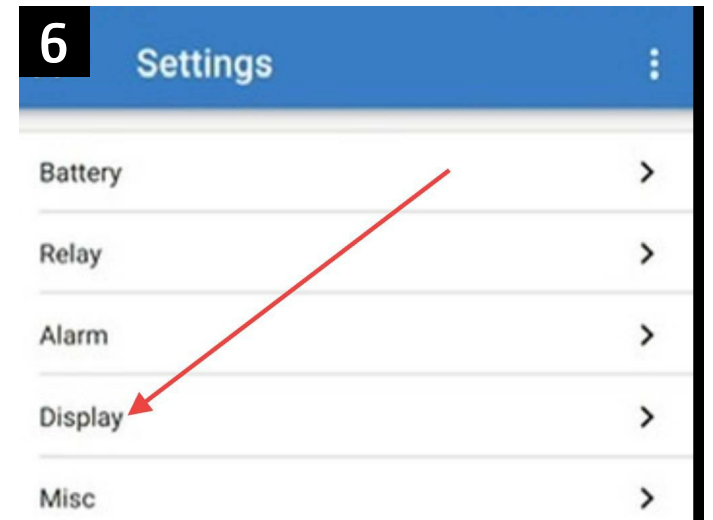
Step 6. Then choose "Display"from the menu . .

Process Ref. No: 2

Revision: 1.013 **Revision date**: 21/11/2024

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Cycle Time: N/A

Author: Rick Shervey

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Display

Backlight intensity	5
Backlight always on	(off)
Scroll speed	2
Main voltage display	(on)
Current display	(on)

Step 7. Now choose which options you prefer

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Main voltage display	(on)
Current display	(on)
Power display	(on)
Consumed Ah display	(off)
State-of-charge display	(on)
Time-to-go display	(off)

Step 8. Continue until all options are to your preference

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Time-to-go display	(off)
Starter voltage display	(off)
Temperature display	(off)
Mid-voltage display	(off)

Step 9. Continue until all options are to your preference

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