Victron & Redflow ZCell

https://www.zcell.com/

Technical details here:
https://faq.zcell.com/content/1/11/en-us/what-are-the-technical-specifications-of-a-zcell-battery.html

Note that the ZCell is currently only available in Australia.

Compatible Victron products

- All 48V Multis and Quattros.
- All 48V solar chargers
- Adding a Color Control GX is recommended but not required

Charge profile

1. Charge voltage 57.6V (up to 50 Amps per battery, and current per battery self-limits if you limit the voltage)
2. Linear charge all the way from empty to full (all charge phases are the same - same 'flat' voltage).
3. No need for any sort of battery 'conditioning' cycling at all

Charger settings:

1. Set both absorption and float voltage to 57.6V
2. disable storage mode.
3. disable bulk protection(?? Simon?)
4. using Assistants, such as the Hub-4 Assistant, is possible but not required.

Color Control GX

Follow this procedure on the ZCell website to show the ZCell SOC on the Color Control GX.

Also see this other FAQ item on the ZCell website:
https://faq.zcell.com/content/10/54/en-us/automatic-start-for-a-multiplus-connected-to-a-powered_down-ccgx.html

The Color Control GX does not yet have the option to read and show any other ZCell parameters.

Disqus

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From:
https://www.victronenergy.com/live/ - **Victron Energy**

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https://www.victronenergy.com/live/battery_compatibility:redflow_zcell?rev=1465596025

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