US3000C and US3000 Mixture Installation

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Hardware Difference

Figure 1: US30000 Front view

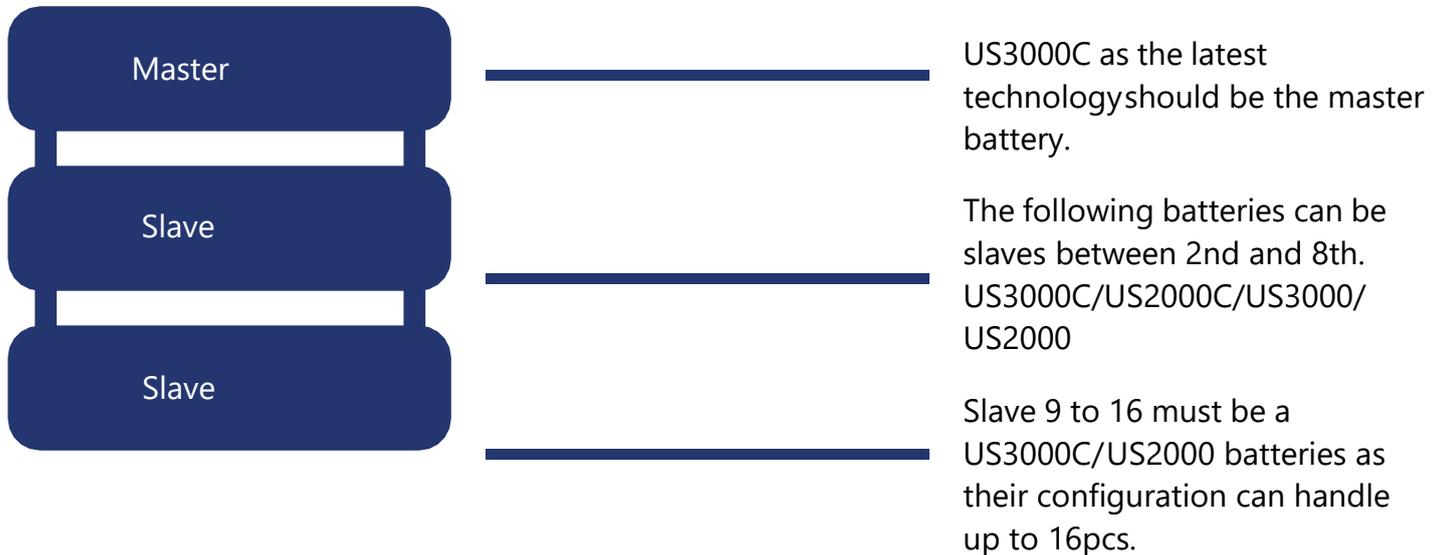Figure 2: US3000 Front view

Software Difference

	US3000C	US3000
DoD	95%	90%
Configuration	16pcs	8pcs
Feature	Pre-Charge function	-

Mixture Installation

US3000C: Needs to be on firmware version 1.7 or later.
US3000: Can be on any other firmware version, they should ideally be on the same versions.

Master	US3000C as the latest technology should be the master battery.
Slave	The following batteries can be slaves between 2nd and 8th. US3000C/US2000C/US3000/ US2000
Slave	Slave 9 to 16 must be a US3000C/US2000 batteries as their configuration can handle up to 16pcs.

From the US3000C battery to the inverter, the BMS cable should have the pinouts on Figure 3 the battery side. Please note that the pinouts have change for the US3000C compared to the old US3000B.

Figure 3: US3000C RJ45 cable pinouts

Conclusion:

- US3000C needs to be the master battery.
- The batteries should be Balanced with each other first.
- Make sure your battery cables have the correct current rating to handle the new charge and discharge capability of the new battery bank size.
- Ensure that the US3000C battery is on firmware version v1.7 or later. The US3000C does not have to be on the same version with the US3000 bank, however, it is ideal that the old bank of the US3000 batteries be on the same version.

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