Delayed Charging

If the SBP-1100e has not been fully charged before shipment or sits for 3 to 4 weeks it will self discharge and go into hibernation to prevent damage to the lithium cells. Earlier versions of the Main software do not recover as quickly as version 4.0.6, the current version being shipped. However, the units should charge to 100% within 24 hours of being put on a charger.

If deeply discharged, the output of the SBP-1100e is kept off until the cells have charged to a range of 12 to 20%, above which, a heavy load can be applied. The user can determine the status by pressing the “Scroll” button and cycling through the displayed information. If the reported mode is “Idle” the output should be at the designated voltage and ready for use.

If the reported mode is”Twilight” then the cellpacks are too discharged to support a load and the output of the SBP-1100e will automatically be cut off. “Hibernation” mode is only displayed briefly right before all the electronics are shut off.

After receiving the units, they should be placed on a charger before use. If the SBP-1100e is in “Hibernation” when power is applied it should automatically restart and begin sending messages to the LCD to let the operator know what is happening. Rarely, it may be necessary to press the “Reset” button (immediately to the left of the “Scroll” button), if the unit has been subjected to a substantial static discharge, to restart normal operation. If the unit does not “Awake” when power is applied or respond to the “Scroll” or “Select” buttons within 15 to 20 seconds of applying power, the unit may require repair.

If the software version is 4.0.5 or less it should be updated. Version 4.0.6 and later versions “Awake” much more quickly and charge more rapidly than earlier versions. The software version can be read by pressing the Select button when the LCD is dark.

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