



**SOLAR STIK®**

**PROGRAMMING GUIDE  
FOR THE  
PRO-VERTER  
5000-220 AGS BFF1  
UPS<sup>1</sup> MODEL OF OPERATION<sup>2</sup>**

**ATSC L0 SYSTEMS  
20-0104022**



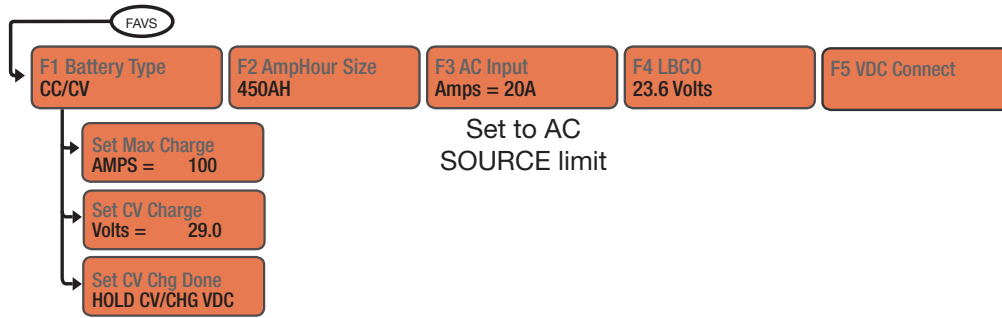
<sup>1</sup>UPS operation is a NON-CYCLING application. Battery capacity must be configured to support load during brief periods of INVERTER-ONLY support. Supplemental DC power generation should NOT be used when. Consult the SYSTEM manual for setup procedures and operation guidelines.

<sup>2</sup>The PRO-Verter settings used in each Model of Operation are unique and not interchangeable. The PRO-Verter must be programmed specifically for the Model of Operation in which the System is functioning. Damage to System components may occur if a PRO-Verter is not properly programmed for the Model of Operation in which the System is functioning.

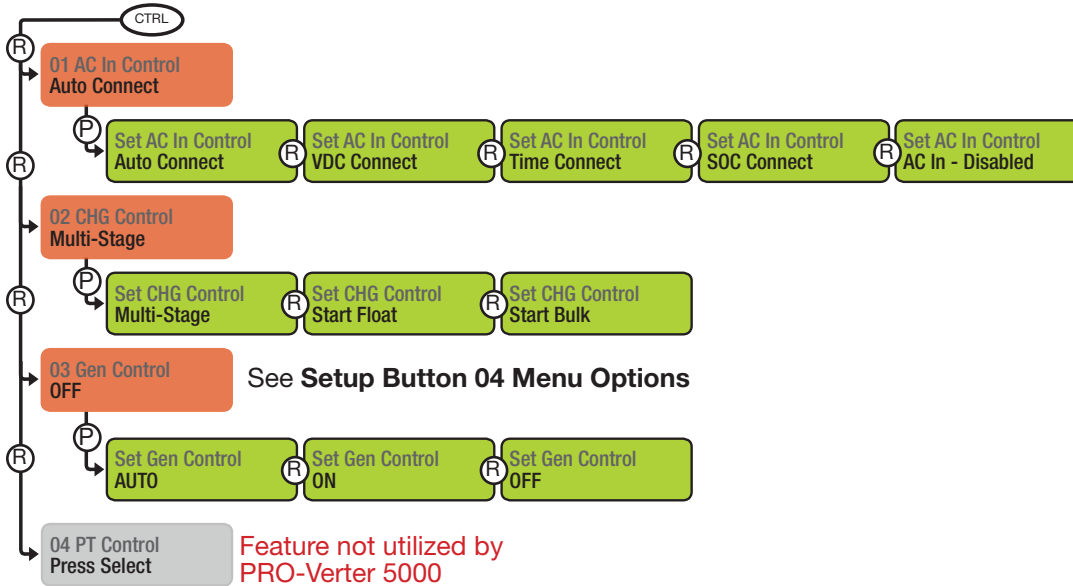
Updated: 20191210

# Programming Menu Map

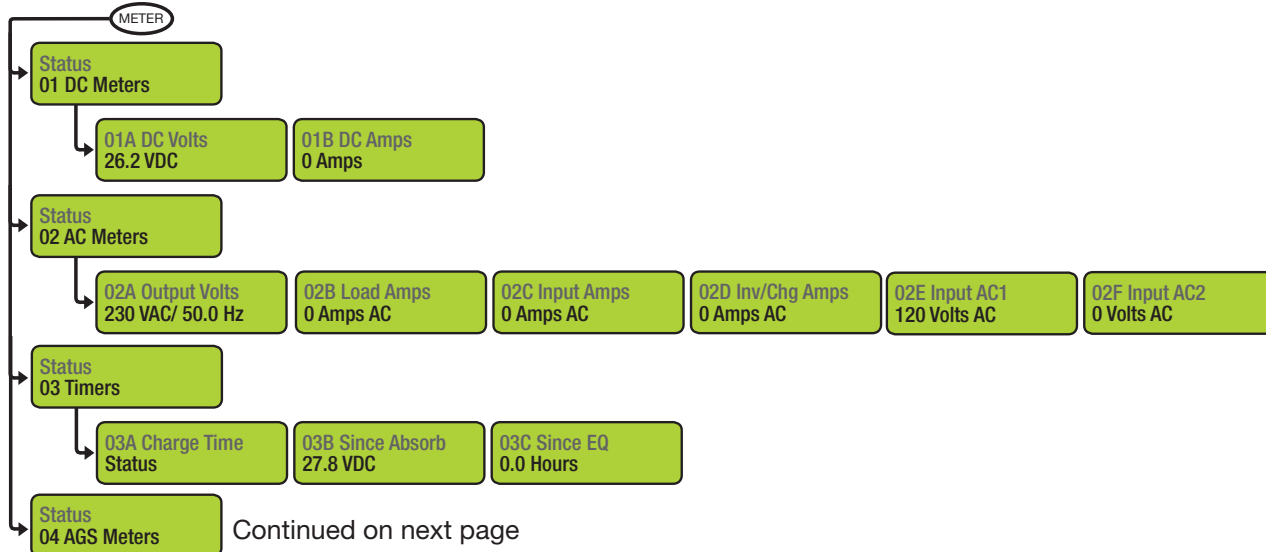
## FAVS Button Menus



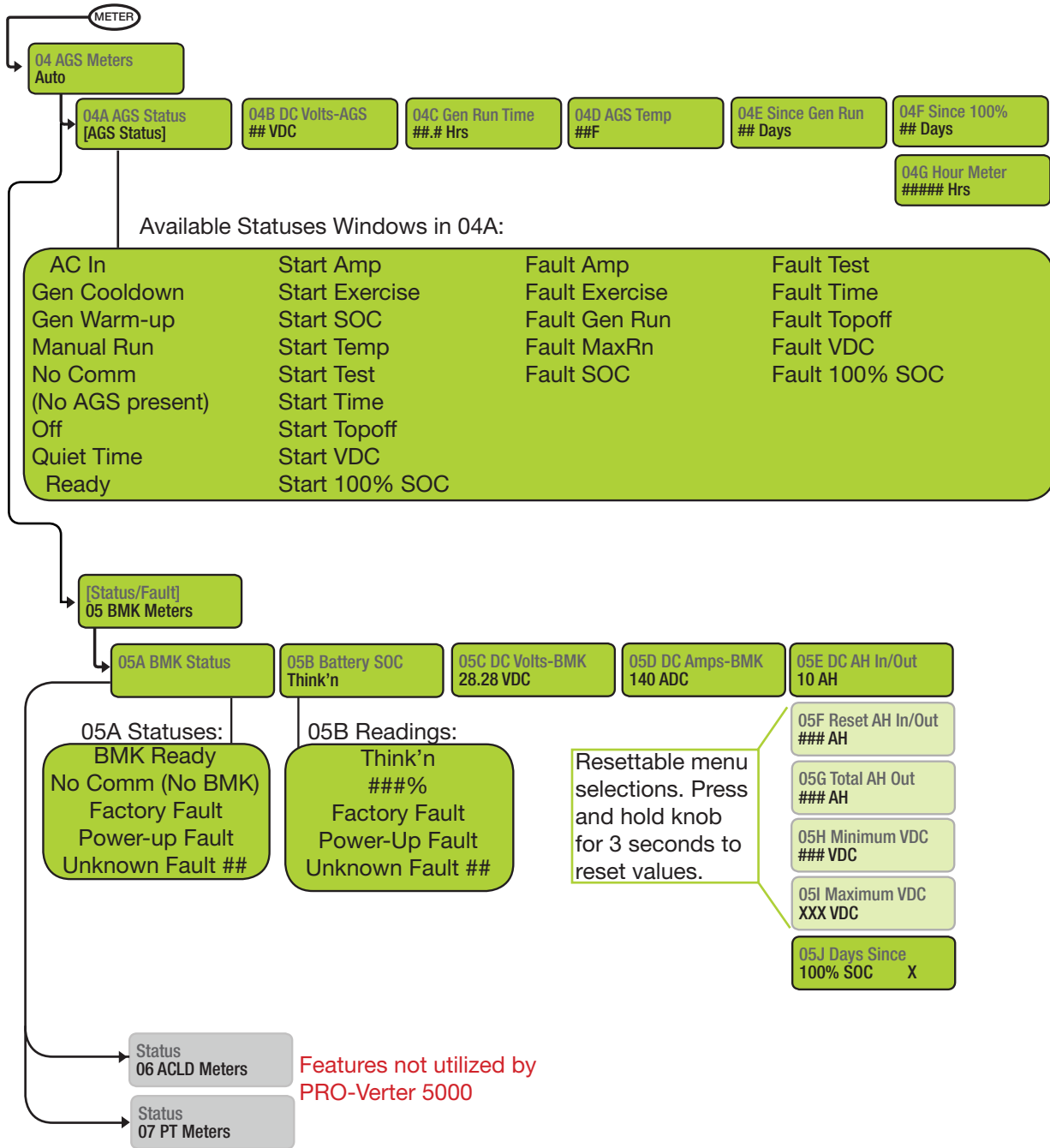
## CTRL Button Menus



## METER Button Menus: Read-only Displays

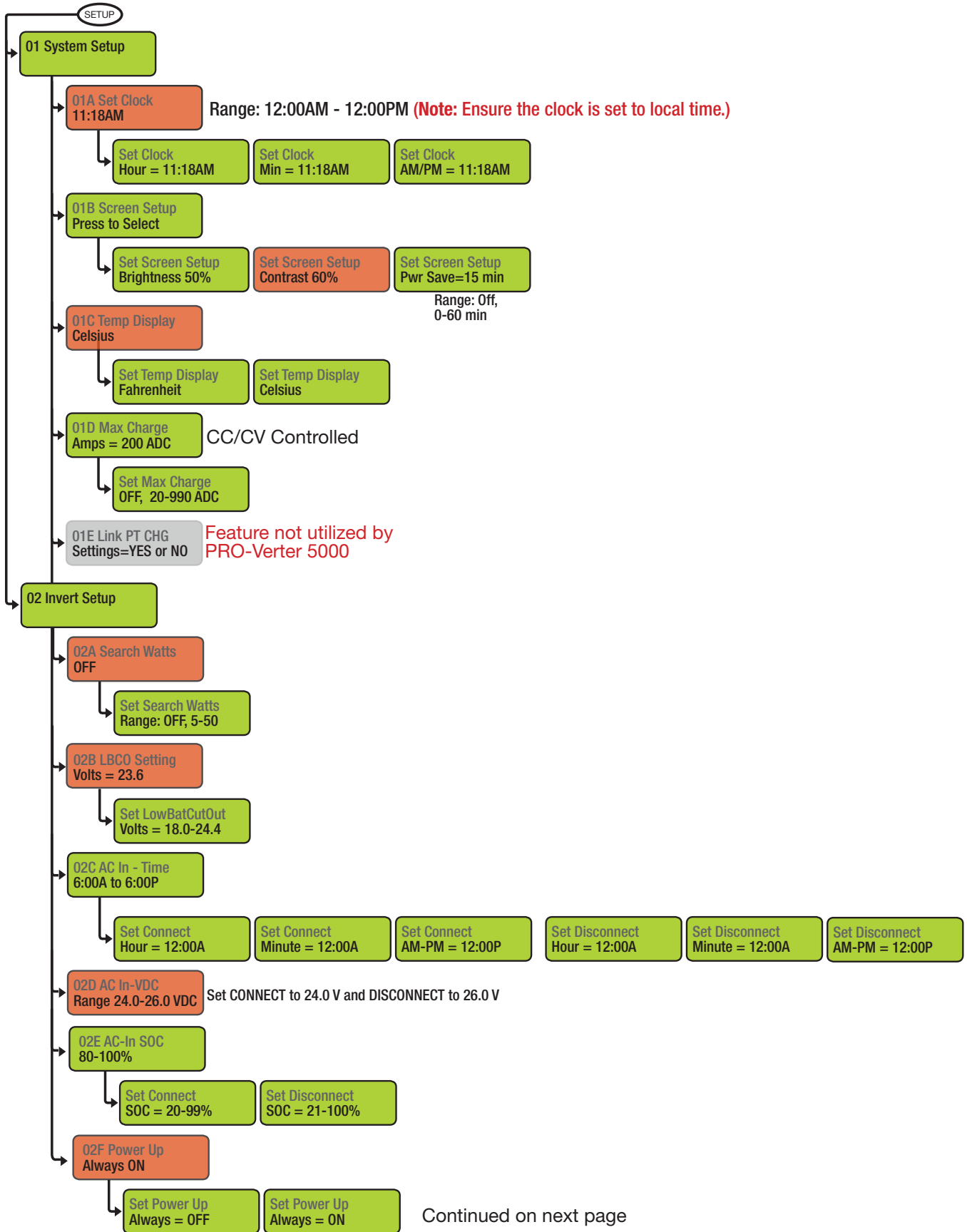


# METER Button Menus continued



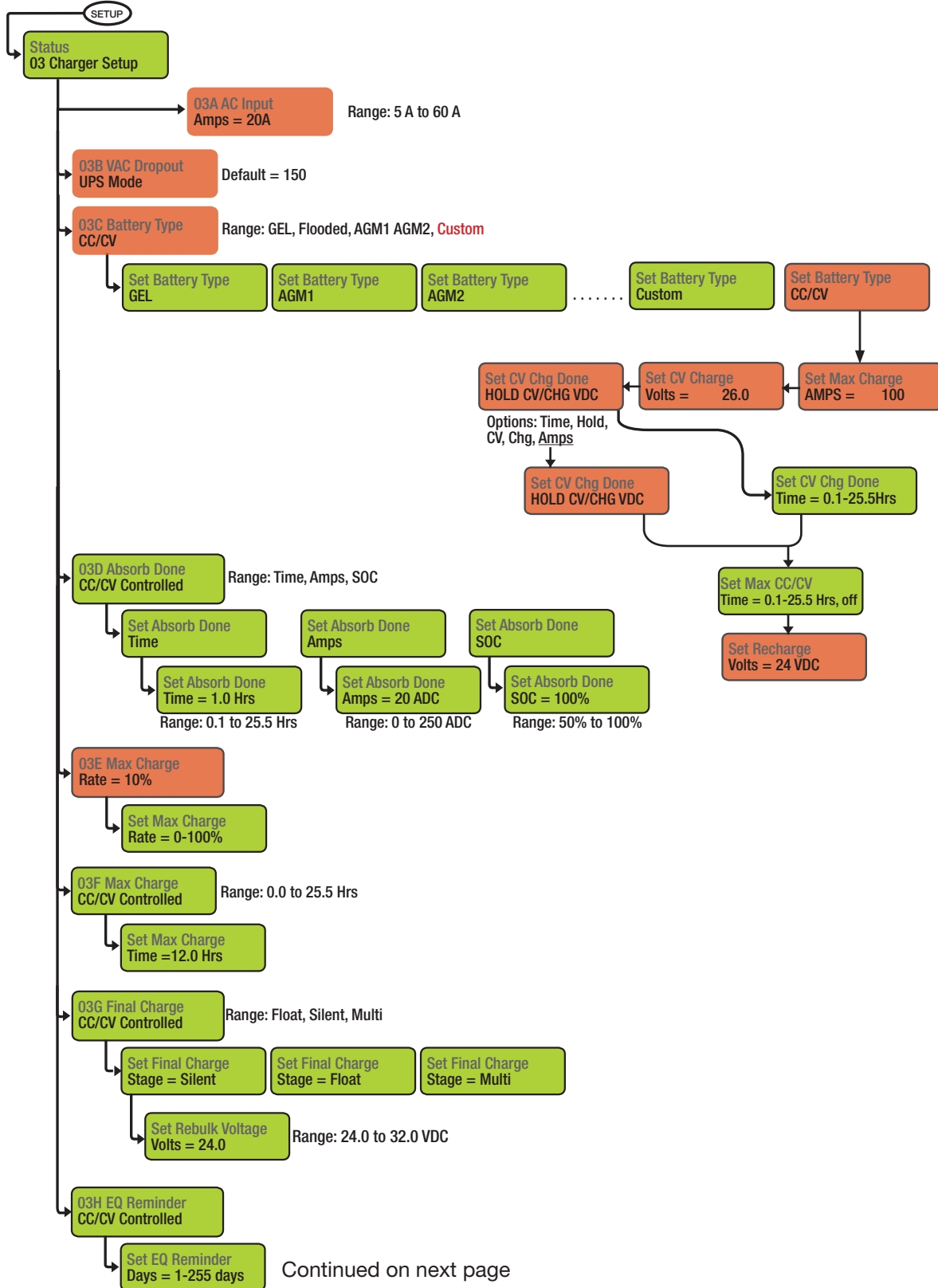
# SETUP Button Menus

Setup: 01 System & 02 Inverter Setup



# SETUP Button Menus continued

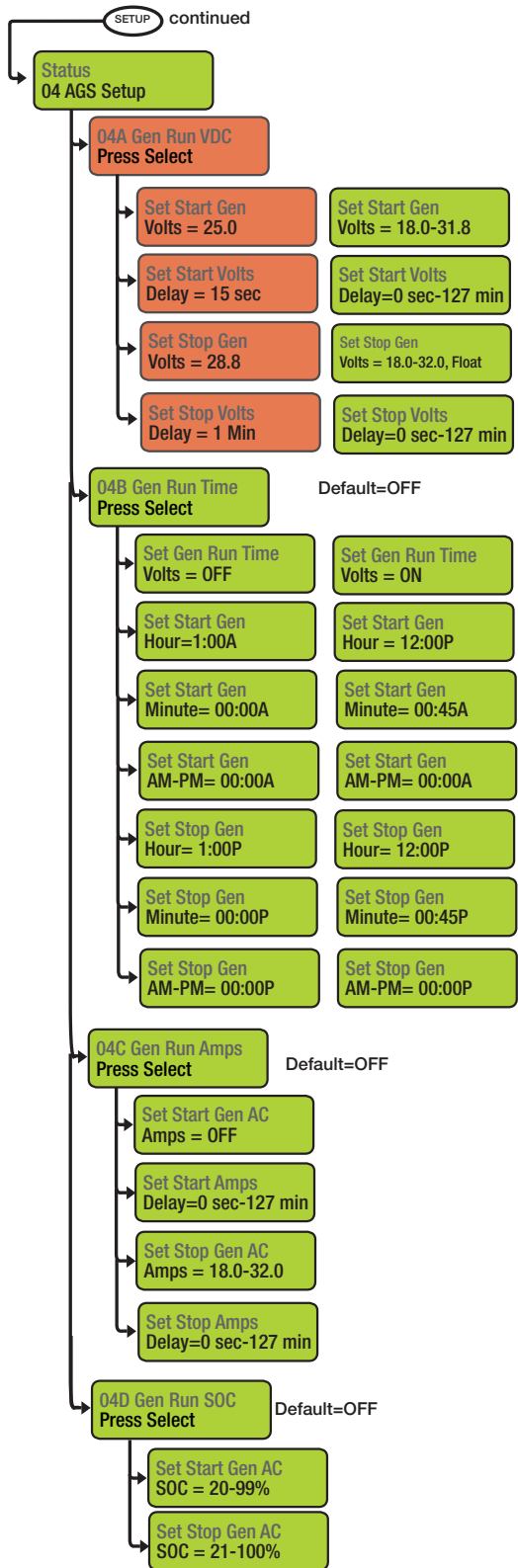
## Setup: 03 Charger



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# SETUP Button Menus continued

## Setup: 04 AGS Setup



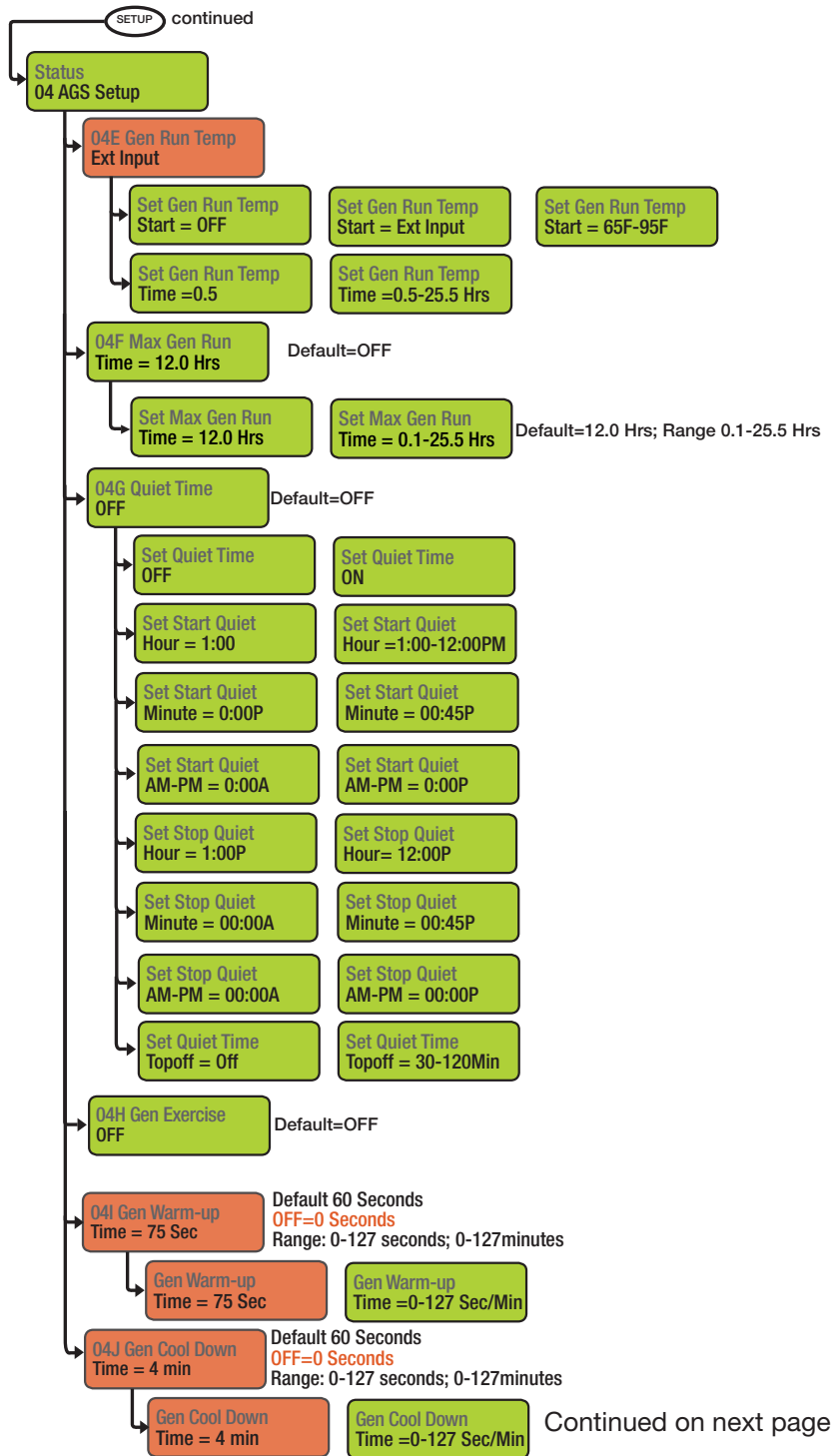
### AGS Function Notes

- After 15 seconds at or below 25.0 V, the PRO-Verter sends the start signal to the Generator.
- After 1 minute at or above Float, the PRO-Verter turns off the Generator.
- If the Generator does not start and the battery voltage gets down to 23.6 V (LBCO), the AC Out (Inverter) turns off. This is the LBCO voltage in the menu tree.

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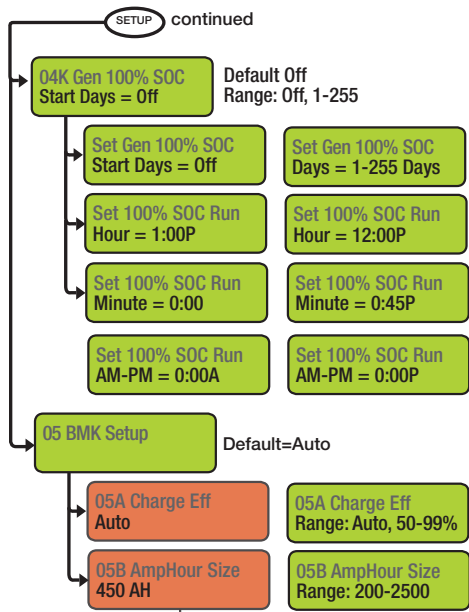
# SETUP Button Menus continued

## Setup: 04 AGS Setup



# SETUP Button Menus continued

Setup: 04 AGS Setup, 05 BMK Setup



**Note:** The AmpHour Size value should be set according to the total capacity of the battery bank. For example, one 24VDC Li Expander Pak is 100 Ah. The minimum setting allowed is 200 Ah.

**Note:** The state of charge reported by the 24VDC PRO-Verter 5000-220 will be accurate only if the total battery bank size is at least 200 Ah.



# TECH Button Menus

