

Table 3-2, Inverter Settings

Inverter Settings	
PS0	<p>The inverter is disabled. The AC Output terminals are getting power from the utility (AC input) only. When utility power is not available, the unit will not provide an AC backup function from the inverter and the display will automatically turn off in approximately 10 seconds. When the Power button is pressed again, the display will turn on for another 10 seconds.</p> <p>To enable the inverter or to turn on the backup function, the PS0 setting has to be changed to a different setting.</p>
PS1	<p>The inverter is in By-Pass mode with Search mode set to OFF. The unit will provide an AC backup function when utility power is not available.</p>
PS2	<p>The inverter is in Standby mode with Search mode set to ON. The unit will provide a continuous backup function only when utility power is unavailable AND the connected output load is >10W. Once it is on, the unit will automatically return to Search mode and turn off when the connected AC load drops to <3W.</p> <p>Note: During Search mode, the inverter turns on every few seconds for a few AC cycles to check on the 10W power consumption.</p>
PS3	Not used.
PS4	<p>Performs same function as PS1. The Power button can be used to turn AC output on and off, even with AC input power being present in By-Pass mode.</p> <p>When the unit is turned off in By-Pass mode using the Power button, the display will continue to show battery voltage and the Status LED will turn off.</p>
Battery Under Voltage Settings	
SdL	<p>Battery under-voltage setting is set to LOW (normal operation).</p> <p style="text-align: right;">Under-voltage alarm: 11.0 VDC Under-voltage alarm recovery: 11.3 VDC Under-voltage shutdown: 10.5 VDC Under-voltage recovery: 12.0 VDC</p>
SdH	<p>Battery under-voltage setting is set to HIGH (setting to avoid battery over-discharge when connected to a car start battery).</p> <p style="text-align: right;">Under-voltage alarm: 12.1 VDC Under-voltage alarm recovery: 12.3 VDC Under-voltage shutdown: 11.8 VDC Under-voltage recovery: 12.6 VDC</p>
Alarm Settings	
AL0	<p>Fault and warning audible alarm is disabled. Display panel only shows error code, and the audible alarm will not sound.</p>
AL1	<p>Audible alarm will sound when a fault or warning occurs.</p>
Factory Default Settings	
Fd	<p>Resets all settings to Factory default settings (PS1, SdL, AL1).</p>