These instructions will set the UniStar VP 6/10kVA unit to Frequency Converter mode.

1. Install the UPS system per the instructions found within the unit's User's Manual.
2. Verify mains input is connected correctly, and the UPS input breaker is at “ON” position.
3. If battery pack is installed: Verify battery is connected correctly, and the battery pack breaker is at “ON” position.
4. Apply input power.
   - Fan will start running, LCD will initialize and UPS will start-up in Bypass mode and supply power to load.
5. Press the “UP” or “DOWN” button at the home page, the screen will display the main menu. In the main menu, there are 5 items (Control / Measurement / Information / Setting / Alarm) for selection.
6. Press “UP” or “DOWN” button to select Setting Menu.
7. Press “ON/ENTER” button to confirm the selection.

<table>
<thead>
<tr>
<th>Setting:</th>
<th>Output:</th>
</tr>
</thead>
<tbody>
<tr>
<td>→Bypass</td>
<td>→Volt: 208V</td>
</tr>
<tr>
<td>ECO</td>
<td>Freq: 50Hz</td>
</tr>
<tr>
<td>Output Battery</td>
<td>CVCF: Enable</td>
</tr>
<tr>
<td>Calibration Olders</td>
<td></td>
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</table>

8. Scroll to Freq. Press “ON/ENTER” button.
9. Using the Up/Down arrows, adjust to desired output frequency.
   - 50Hz: The output frequency is set for 50Hz.
   - 60Hz: The output frequency is set for 60Hz.
   - Auto: If selected, output frequency will be decided according to the latest normal utility frequency.
     i. 46Hz to 54Hz, the output frequency will be 50.0Hz.
     ii. 56Hz to 64Hz, the output frequency will be 60.0Hz.
10. Press “ON/ENTER” button.
11. Scroll to CVCF. Press “ON/ENTER” button.
12. Using the Up/Down arrows, select “Enabled”.
   - Enable: The output frequency will be fixed at 50Hz or 60Hz according to setting of “Freq”. The input frequency could be from 46Hz to 64Hz.
   - Disable: The output frequency will synchronize with the input frequency within 46~54 Hz for 50Hz system or within 56~64 Hz for 60Hz system.
13. Press “ESC” to return to Main Menu.
14. Turn On unit per the instructions in the User’s Manual and verify the output frequency is correct.

When the UPS is turned on for first time, the bypass will close for approximately 6 seconds until controls have fully initialized. It is recommended to have an interrupt device between Frequency Converter unit and critical load. The interrupt device should be open until Frequency Converter is fully initialized.

If Frequency Converter is used without batteries, the user may have to reconfigure the system for Frequency Converter mode if the unit is turned off.