**24VDC PRO-VERTER 5000-220 AGS BFF1**

# User Interface Programming

| Application | 18-0203000 L0PGS230 HYBRID POWER SOLUTION | 18-0203001 L1/L2PGS230 HYBRID POWER SOLUTION |
| --- | --- | --- |
| FAV1  | Battery Type | Battery Type |
| FAV2  | AmpHour Size | AmpHour Size |
| FAV3  | AC Input  | AC Input |
| FAV4  | LBCO Setting | LBCO Setting |
| FAV5  | Gen Run VDC | Gen Run VDC |
| 01 AC In Control | Auto Connect | Auto Connect |
| 02 CHG Control | Multi-Stage | Multi-Stage |
| 03 Gen Control | [not stored][[1]](#footnote-1) | [not stored]1 |
| Set SETUP | Pin = [Current Year][[2]](#footnote-2) | Pin = [Current Year]2 |
| 01A Set Clock | [not stored]1 | [not stored]1 |
| Set Screen Setup | Brightness = 60% | Brightness = 60% |
| Set Screen Setup | Contrast = 100% | Contrast = 100% |
| Set Screen Setup | Pwr Save = OFF | Pwr Save = OFF |
| 01C Temp  | Celsius | Celsius |
| 01D Max Charge | CC/CV Controlled | CC/CV Controlled |
| 01E Link PT CHG | [not used] 1 | [not used] 1 |
| 02A Search Watts | OFF | OFF |
| 02B LBCO Setting | Volts = 24.4 | Volts = 23.8 |
| Set Connect | Hour = [not used]1 | Hour = [not used]1 |
| Set Connect | Minute = [not used]1 | Minute = [not used]1 |
| Set Connect | AM-PM = [not used]1 | AM-PM = [not used]1 |
| Set Disconnect | Hour = [not used]1 | Hour = [not used]1 |
| Set Disconnect | Minute = [not used]1 | Minute = [not used]1 |
| Set Disconnect | AM-PM = [not used]1 | AM-PM = [not used]1 |
| Set Connect | 22.0V | 21.0V |
| Set Disconnect | 28.0V | 29.0V |
| Set Connect | SOC = 20% | SOC = 20% |
| Set Disconnect | SOC = 100% | SOC = 100% |
| 02F Power Up | Always ON | Always ON |
| 03A AC Input | Amps=18A  | Amps=30A  |
| 03B VAC Dropout | UPS Mode | UPS Mode |
| Set Battery Type | CC/CV | CC/CV |
| Set Max Charge | AMPS = 100 | AMPS = 100 |
| Set CV Charge | Volts = 29.0 | Volts = 29.0 |
| Set CV Chg Done | HOLD CV/CHG VDC | HOLD CV/CHG VDC |
| 03D Absorb Done | CC/CV Controlled | CC/CV Controlled |
| 03E Max Charge | Rate = 90% | Rate = 90% |
| 03F Max Charge | CC/CV Controlled | CC/CV Controlled |
| 03G Final Charge | CC/CV Controlled | CC/CV Controlled |
| 03H EQ Reminder | CC/CV Controlled | CC/CV Controlled |
| 03I START BULK [5.0][[3]](#footnote-3) | CC/CV Controlled | CC/CV Controlled |
| Set Start Gen | Volts = 25.0 | Volts = 25.0 |
| Set Start Volts | Delay = 15 sec | Delay = 15 sec |
| Set Stop Gen | Volts = 28.8 | Volts = 28.0 |
| Set Stop Volts | Delay = 15 sec | Delay = 1 Min |
| 04B Gen Run Time | OFF | OFF |
| 04C Gen Run Amps | OFF | OFF |
| 04D Gen Run SOC | OFF | OFF |
| 04E Gen Run Temp | Ext Input | Ext Input |
| 04F Max Gen Run | 12.0 Hrs | 12.0 Hrs |
| 04G Quiet Time | OFF | OFF |
| 04H Gen Exercise | OFF | OFF |
| 04I Gen Warm-up | Time = 75 Sec | Time = 75 Sec |
| 04J Gen Cool Down | Timer = 4 min | Timer = 4 Min |
| 04K Gen 100% SOC | Start Days = Off | Start Days = Off |
| 04L Man Run Hrs? [5.0]3 | B+ Only | B+ Only |
| 05A Charge Eff | Auto | Auto |
| 05B AmpHour Size | 450 Ah | 900 Ah |
| 06 PT Setup [5.0]3 | No PT Present | No PT Present |

1. [not stored] and [not used] indicate the value does not need to be set since it is either not stored or not used [↑](#footnote-ref-1)
2. [Current Year] indicates that the PIN value should be entered as the year which is shown in the I-Plate as its built date. [↑](#footnote-ref-2)
3. [5.0] indicates the value is only available in Version 5.0 of the ME-ARC 50. These options are not available in Version 4.0. [↑](#footnote-ref-3)