



## Product Change Notification

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| PCN tracking #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PCN-WB-0004</b>                                                                                                                                                                                                                                                                                                                                                               |
| Issue date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 08.03.2022 ( <i>part numbers corrected 29.03.2022</i> )                                                                                                                                                                                                                                                                                                                          |
| Effective date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 08.03.2022                                                                                                                                                                                                                                                                                                                                                                       |
| Affected products list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | WHITE beet modules ( <i>PCB revision PWL_700_02</i> ):<br><b>WB-CARRIER-BOARD-EI (#298821)</b><br><b>WB-CARRIER-BOARD-ES (#298820)</b><br><b>WB-CARRIER-BOARD-EO (#298819)</b><br><b>WB-CARRIER-BOARD-PI (#298825)</b><br><b>WB-CARRIER-BOARD-PS (#298823)</b><br><b>WB-CARRIER-BOARD-PO (#298822)</b>                                                                           |
| New parts will be identified by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | New part numbers ( <i>PCB revision PWL_700_03</i> ):<br><b>WB-CARRIER-BOARD-EI 1.1 (#308191)</b><br><b>WB-CARRIER-BOARD-ES 1.1 (#308193)</b><br><b>WB-CARRIER-BOARD-EO 1.1 (#308192)</b><br><b>WB-CARRIER-BOARD-PI 1.1 (#308194)</b><br><b>WB-CARRIER-BOARD-PS 1.1 (#308196)</b><br><b>WB-CARRIER-BOARD-PO 1.1 (#308195)</b><br>New part number will be present on product label |
| <b>Hardware changes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                  |
| <ol style="list-style-type: none"><li>1. HW revision of WHITE-BEET module changed to WHITE-BEET 1.1 module (for EVSE and EV side types of the modules). <i>Please check PCN-WB-0003 for more details.</i></li><li>2. J14 and J16 wire-to-board SSL connectors replaced with fixed terminal block PTS-1,5 2-pin connectors.</li><li>3. CP, PE, ZC_N, ZC_L signals wire-to-board SSL connectors replaced with a single J19 fixed terminal block PTS-1,5 8-pin connector.</li><li>4. PP_IN signal moved from J1 pin header to J19 fixed terminal block PTS-1,5 8-pin connector.</li><li>5. ZC_DIGITAL signal moved from J4 pin header to J17 fixed terminal block PTS-1,5 2-pin connector.</li><li>6. AIN_0 signal moved from J4 pin header to J5 fixed terminal block PTS-1,5 2-pin connector.</li><li>7. J2 and J6 3-pole jumper headers added in order to select connection of one of the following signals to CP line on J19 connector:<ol style="list-style-type: none"><li>(A) CP_PLC+CP_PWM (default) for mixing PLC and PWM signals together</li><li>(B) CP_PLC only (without PWM signal)</li><li>(C) CP_PWM only (without PLC signal)</li><li>(D) CP_PLC signal via 5kOhm resistor for calibration purposes (to introduce 35dB of attenuation for PLC signal)</li></ol></li><li>8. Shape of plastic cover and label on the cover are adjusted according to the changes above.</li></ol> |                                                                                                                                                                                                                                                                                                                                                                                  |

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