

**PWS6600**

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**Installation and Operation manual**

## 1.9 Product Specifications

| Item                         | PWS6600C-N<br>AP1600C-N  | PWS6600C-P<br>AP1600C-P | PWS6600C-S<br>AP1600C-S | PWS6600S-P<br>AP1600S-N                          | PWS6600S-P<br>AP1600S-P | PWS6600S-S<br>AP1600S-S |
|------------------------------|--|-------------------------|-------------------------|--|-------------------------|-------------------------|
| Display Type                 | Color TFT LCD  |                         |                         | Mono STN LCD                                     |                         |                         |
| Display Color                | 256 colors   |                         |                         | 16 shades of blue                                |                         |                         |
| Display size                 | 5.7"   |                         |                         |  |                         |                         |
| Display resolution           | 640 x 480, Number of 8 x 8 characters displayable 80 x 60          |                         |                         |  |                         |                         |
| Display adjustment           | Via touch panel & VR on the back                                   |                         |                         |  |                         |                         |
| Back light                   | CCFT, Lifetime 75,000 hours @ 25 degrees Celsius                   |                         |                         | CCFT, Lifetime 50,000 hours @ 25 degrees Celsius |                         |                         |
| Touch Screen                 | Analog   |                         |                         |  |                         |                         |
| Keypad                       | 1 Menu key and 5 user-defined Function keys (F1-F5)                |                         |                         |  |                         |                         |
| Keypad pressure and lifetime | 350+-50 gf operating force, lifetime is over 1 million activations |                         |                         |  |                         |                         |
| Input Power                  | 24 V DC +-15%, less than 20W                                       |                         |                         |  |                         |                         |
| Flash ROM                    | 4 Mb   |                         |                         |  |                         |                         |
| RAM                          | 512 K byte   |                         |                         |  |                         |                         |
| CPU                          | 32 bits RISC   |                         |                         |  |                         |                         |
| Battery backed memory        | 512 K byte   |                         |                         |  |                         |                         |
| RTC                          | YES (rechargeable lithium battery)                                 |                         |                         |  |                         |                         |
| Data/Recipe                  | 512 K byte   | -                       | -                       | 512 K byte                                       | -                       | -                       |
| COM1                         | 9-pin female connector, RS232 and RS485                            |                         |                         |  |                         |                         |
| COM2                         | 25-pin female connector, RS232, RS422 and RS485                    |                         |                         |  |                         |                         |
| Multi-functional port        | 26-pin connector to printer or 64 external keys                    | -                       | -                       | 26-pin connector to printer or 64 external keys  | -                       | -                       |
| Ethernet                     | YES  | -                       | -                       | Yes  | -                       | -                       |
| Front Panel seal             | IP65 / NEMA 4  |                         |                         |  |                         |                         |
| Operating temperature        | 0° - 50° degrees Celsius   |                         |                         |  |                         |                         |
| Storage temperature          | -10° - 60° degrees Celsius   |                         |                         |  |                         |                         |
| Ambient humidity             | 20-90% (non-condensing)  |                         |                         |  |                         |                         |
| Vibration endurance          | 0.5 mm displacement, 10-55 Hz, 2 hours per X, Y, Z axis directions |                         |                         |  |                         |                         |
| Shock endurance              | 10 G, 11 ms three times in each direction of X, Y, Z axes          |                         |                         |  |                         |                         |
| RF Emissions                 | CISPR 22, Class A  |                         |                         |  |                         |                         |
| Electrostatic discharge      | IEC61000-4-2   |                         |                         |  |                         |                         |
| RF Susceptibility            | IEC61000-4-3   |                         |                         |  |                         |                         |
| High Frequency Transients    | IEC61000-4-4   |                         |                         |  |                         |                         |
| External dimensions          | 195.0 x 145.0 x 59.1 mm  |                         |                         |  |                         |                         |
| Cut-out dimensions           | 185.8 x 135.8 mm   |                         |                         |  |                         |                         |
| Weight                       | 0.81 kg  |                         |                         |  |                         |                         |
| Cooling                      | Natural cooling  |                         |                         |  |                         |                         |

**Note:**

When using the HMI for the first time, remember to reset Real Time Clock (RTC).



- a Beijer Electronics Group company

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