

docs

Control Panel

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Control Panel is a free Windows application that allows you to connect to and configure our products over USB or Ethernet. It provides a user-friendly interface to configure parameters, monitor data, and perform diagnostics.

! INFO

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The screenshot displays the Control Panel v. 2.9.52 interface. The left sidebar contains navigation options: CONNECT USB, Combined Dashboard, a device icon for S/N 21200 (Atom Digital), Scope, Data Logger, View/Edit Config File, Create Config File, Modbus TCP, MFG Unlock, Settings, About, Support, and Help us improve. The main dashboard area shows the following information:

- Header:** S/N 21200, A1A080I-0A000-000-00-180-0000, S/N 21200, Id - 212, Ver - 1.0.20. Includes a 'Detailed Dashboard' toggle and a 'Search parameters' field.
- AC Line Lock loss:** A red warning banner.
- Stop / Run State:** A red stop button and 'STOP' text.
- Fieldbus Setpoint:** A text box containing '10000'.
- Temperature:** A green box showing '31.5 °C'.
- Voltage Feedforward:** A red box showing '0.0' with a scale from 0.0 to 480.0. Below it, 'Error 0.0' and 'Output Duty Cycle 0.0 %' are displayed.
- AC Line:** A blue box showing '0.8 v' and 'Frequency 0.0 Hz'.
- Load:** A red box showing 'Voltage 0.0 v', 'Current 0.0 A', and 'Resistance 0.0 Ω'.
- Control Section:**
 - Feedback:** Feedback Type: Voltage Feedforward, Feedback Read status: OK.
 - Firing Mode:** Firing Mode: SSR - Zero Cross.
 - Full Scale:** Voltage: 480 V, Current: 80.0 A.
- Limits Section:**
 - Voltage Limit: 700 V
 - Current Limit: 84.0 A
 - Current Trip: 240 A