



Manufactured and Developed in the USA

Aldonex is setting the bar higher with our "EZ" Controller. Our controller utilizes a digital touch-pad interface as well as a 240x128 backlit LCD graphical display. The contrast is user adjustable for easy viewing at any angle. This controller is based on microprocessor technology which is why we are able to deliver unparalleled precision and regulation. The HMI is rated NEMA 4X (IP66) and can be installed in our standard NEMA 4X "remote" enclosure or self-contained on the front panel of your power supply. This equates to a robust touch-pad that is designed to handle the toughest environments.

#### Standard Features

- Self Diagnostics with Fault Alerts
- DFT Feature (Digital Fine Tuning) Constant sampling resulting in a highly stable DC output
- Soft Start (user adjustable) • Selectable audio and visual alarms
- Cut-Off or Duration Timer
- Resettable and Non-Resettable Amp Hour/Minute Meter (9 digits)
- Preset Amp Hour/Minute Cycles
- Current or Voltage Ramping
- Current or Voltage Ramping with step/soak (24 ramp/soak steps)
- All options feature cut-off, alarm, repeat, or continuous operation after it completes it's cycle
- Up to 50 user configured presets can be stored and recalled in the future as a "recipe"
- Up to 4 programmable shortcut keys
- Can be retrofitted into almost any SCR/Switch Mode power supply (inc. other manufacturers)
- 24VDC Control with a reliable RS485 Interface

#### Optional Features

- Manual and Automatic Periodic Reverse
- Up to 4 user selectable Voltage Taps
- Slow Pulse (Low Freq. Pulse) 1s-5940s (utilizes a 2 step repeating ramp program)
- 4-20mA, 0-10V, 0-5V PLC/Computer Interface

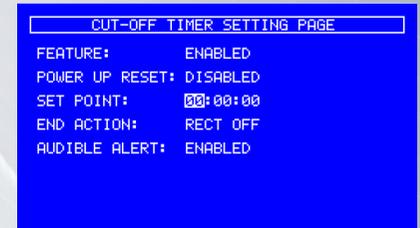
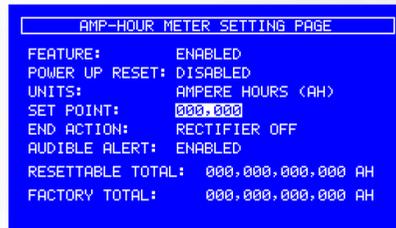
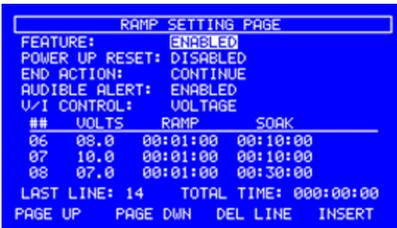
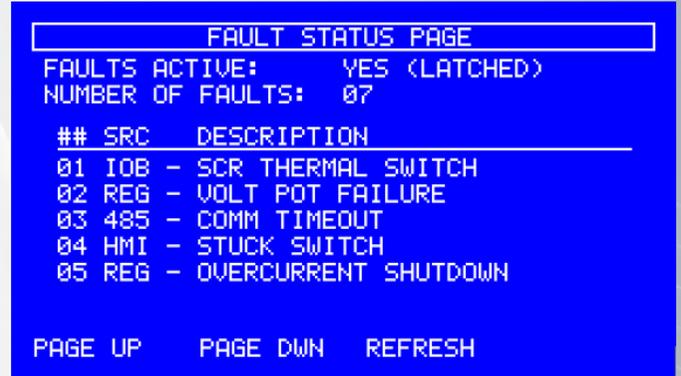
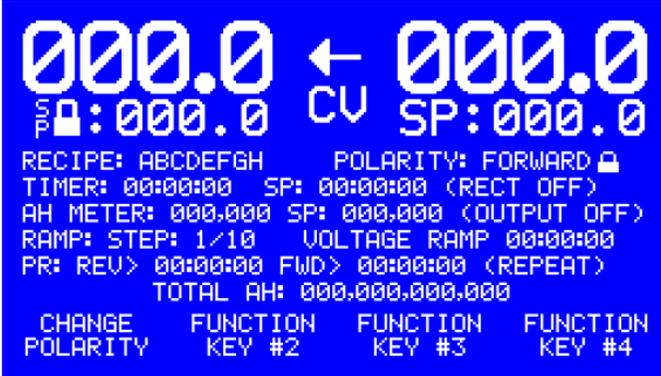
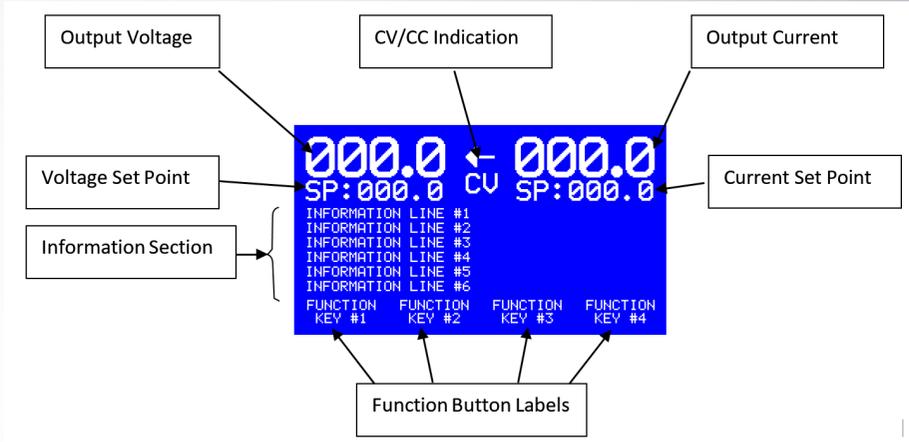


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### STANDARD TECHNICAL DATA

DC Input Voltage 24VDC  
 Control 0.5% Crossover Regulation  
 Metering Better than 1% on all models  
 NEMA/IP Rating 4X/66  
 Duty Factor 100% (can run 24/7 365 days a year)

