Advanced Digital Control (ADC 2100) is designed for today’s most sophisticated electronics.

- Compact controller
- Integrimly mounted to the generator set
- LED display
  - Runtime hours
  - Crank cycle status
  - Diagnostics
  - Application software version
- LED display communicates faults
  - Auxiliary fault
  - High battery voltage
  - High engine temperature
  - Loss of coolant (water-cooled models)
  - Low battery voltage
  - Low coolant level (water-cooled models)
  - Low oil pressure
  - Overcrank safety
  - Overfrequency
  - Overspeed
  - Oversed
  - Undervoltage
  - Underfrequency
- Membrane keypad for configuration and adjustment
  - Password-protected user access
  - Voltage and speed adjustment
  - System configuration: system voltage, phase, and frequency settings, battery voltage, and generator set model
- Master switch: Run/Off-Reset/Auto
- Remote start/stop capability
- Superior electronics protection from corrosion and vibration
  - Potted electronics
  - Sealed connections
- Digital isochronous governor to maintain steady-state speed at all loads
- Digital voltage regulation: ±1% RMS no-load to full-load
- Automatic start with programmed cranking cycle
- One-source responsibility for the generating system and accessories
- Factory-built and production-tested

Standard Features

Specifications

- Environmental specifications:
  - Operating temperature: -20°C to 70°C (-4°F to 158°F)
  - Storage temperature: -60°C to 70°C (-76°F to 158°F)
  - Humidity: 0-95% condensing
- Power requirements:
  - 12 or 24 VDC with fuse protection
  - 250 mA @ 12 VDC
  - 125 mA @ 24 VDC
Accessories

ADC Remote Gauge

- SAE J1939 communication via CAN bus
- Displays generator set information
  - Generator set run status
  - Voltage, VAC
  - Oil pressure, kPa or psi
  - Engine speed, RPM
  - Frequency, Hz
  - Oil temperature, °C or °F
  - Battery voltage, VDC
  - Runtime hours
- Start/stop command
- Adjustable backlight
- Flashing fault display
- Audible alarm/alarm silence
- Metric or US units

Accessories

- Relay kits, includes run relay and common fault relay, 12 or 24 VDC
- Remote digital gauge *

* Accessory applicability varies with generator set model. Check the generator set specification sheet for available accessories.