CANPLUS™

CP750-E
ENGINE CONTROL PANEL

HIGHLIGHTS

- An enhanced version of the CP750 with wide sunlight viewable color display, enhanced user interface and new advanced control features
- Monitoring, protection and control for electronically or mechanically governed engines
- Integrated cellular communications
- 24/7 remote monitoring and control powered by RemoteIQ™ cloud-based platform
- QR-code diagnostics through RemoteIQ™ QR-Assist
- Tier 4F and Euro Stage V compliant

FEATURES

- Host USB port for configuration and updates using menus or Windows-based program
- Quick access menu key
- Off, on and autostart buttons
- Cellular modem supporting LTE CAT-M1
- Configurable seven-stage autothrottling profile
  - Warm-up time at idle
  - Ramp-up time to intermediate RPM
  - Intelligent Intermediate time or event and RPM
  - Ramp-up time to run RPM
  - Run RPM
  - Ramp-down time to idle
  - Cool-down time to idle
- CANplus™ Control throttling and control capabilities
- Intuitive event manager can fully control engines based on configurable criteria
- Machine Learning to detect patterns, analyze data and troubleshoot issues

OPTIONS

- CANplus Software Suite tools: trace analyzer, engine simulator and configuration wizard
- Integrated E-stop or AUXIO and Modbus or combination
- NEMA or Aluflex enclosure

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TECHNICAL DATA AND SPECIFICATIONS

INPUTS / OUTPUTS

Inputs	Four switched inputs Two 4-20 mA transducer inputs Three resistive sender inputs
Outputs	Two 10A power outputs Two 1A outputs (one for preheat) Two 1A transducer outputs

COMMUNICATIONS

CANbus	SAE J1939 (CANbus 2.0B)
Modbus	RS-485 Controller and peripheral
Cellular Modem	LTE CAT-M1

HOUSING

Display	4.3-inch WQVGA sunlight viewable color display (480x272 pixels)
Clock	Battery-backed real time clock
Standard Aluflex H x W x D	10.4” x 8.4” x 6.0”
Standard NEMA H x W x D	11” x 11” x 8”

MECHANICAL DATA

Nominal System Voltage	12 – 24 VDC
Operating Temperature	-40° to +70° C / -40° to +158°F
Operating Current	125 mA @ 24V
Reverse Polarity	Yes
Engine Harness Interface	HDP26-24-21SE (D-21p)

SOLID STATE I/O

ECU	10A @ system voltage
Starter	10A @ system voltage
Preheat	1A @ system voltage
Standard Output	1A @ system voltage
Transducer Power	1A @ system voltage
Auxiliary E-Stop Input	Normally open, grounded when closed
Integrated E-Stop	Breaks the main power to the panel
Digital Inputs	Active = switch to ground Inactive = open
Transducer Inputs	4-20 mA @ system voltage