



ROBUST, MULTIFUNCTION CONTROL PANEL FOR ELECTRONIC ENGINES

THE POWERVIEW™ ML300 PANEL

Tier 4/Euro Stage IV Ready
Superior Sunlight Viewability
Easy-to-Use Configuration Software
Backmounted Display for Seamless Panel Integration
Rugged/Reliable Design
Multiple Language Options Available
Diagnostics



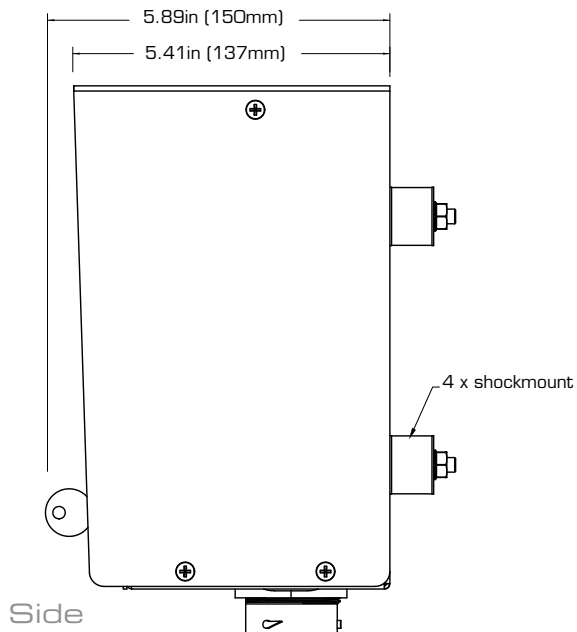
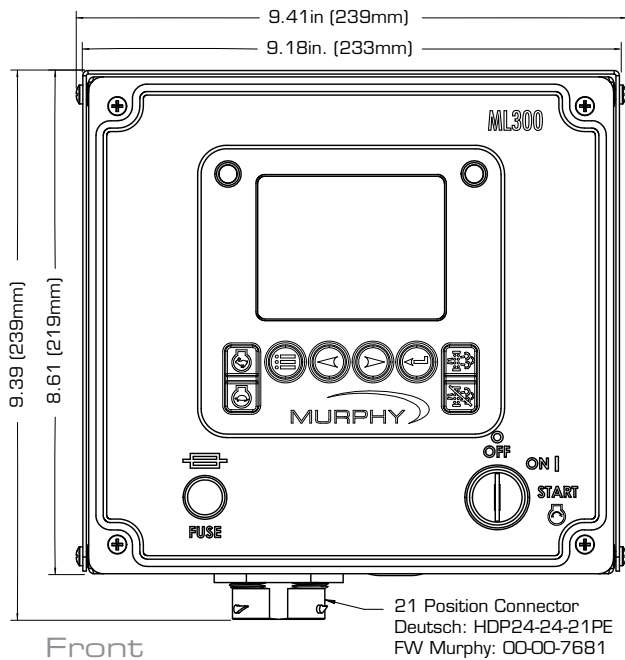
The ML300 panel utilizes the PowerView 300 display, creating a robust, multifunction control panel that provides advanced monitoring of electronic engines designed to meet Tier 4/Euro Stage IV emissions requirements.

The ML300 monitors multiple engine and machine parameters on an easy-to-read 3.8-inch (97mm) QVGA monochrome LCD. The panel is capable of handling sophisticated engine diagnostics as well as basic engine alarming with integrated throttle control.

Customize the ML300 Panel display using the PowerVision Configuration Studio™, an intuitive tool designed to make customization simple. Using the software tool, users can customize basic graphics, designate screen layout, and define custom parameters.

See the full specs on the back of this sheet for a full overview of the ML300 Panel.

STANDARD DIMENSIONS



TECHNICAL SPECS:

- Display: 3.8 in. (97 mm) QVGA (320 x 240 pixels); monochrome transfective LCD with white LED backlight and heater
- Viewing Angle: $\pm 55^\circ$ horizontally; $+45^\circ / -60^\circ$ vertically
- Outputs: (1) 1A; switched low-side
- Deutsch HDP 21 pin connector
- 8 Tactile pushbuttons
- 4 Rubber Isolated shockmounts
- Powdercoated cold rolled steel enclosure
- TSC1 Throttling enables over CAN
- CAN enabled Tier 4 regeneration rocker switch
- Alarms: Red and amber warning LEDs; Setpoint triggered output for external piezo buzzer or shut-down relay
- Communications: (1) CAN 2.0B, J1939 protocols, proprietary messaging
- Certifications: CE mark

ENVIRONMENTAL

- Voltage: 6-32 VDC; reverse polarity protected
- Operating Temperature: -40°C to 85°C (-40° to 185°F)
- Storage Temperature: -40°C to 85°C (-40° to 185°F)
- Display Sealing: IP 67 with both connectors properly terminated.
- Display Vibration and Shock: 7.86g random vibrate (5-2,000Hz) and $\pm 50\text{g}$ shock in 3 axis

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