

# Auto Start Generator Control Panel

## STANDARD FEATURES

# Panelsource

## ENGINE & GENERATOR CONTROLS

Dimensions: 15.50ö (w) x 11.25ö (h) x 10.75ö (d)

ABS UV protected corrosion proof cabinet and corrosion resistant hardware.

DSE4510: Control and monitoring of J1939 CAN or mechanical engines, diesel or gas applications. Three phase voltage and current monitoring. Real Time Clock for accurate data logs. Start on Low Battery, Configurable Inputs and Outputs.

Displays full SAE J1939 text: Suspect Parameter Numbers (SPN) and Failure Mode Indicators (FMI). Enhanced Instrumentation and Engine ECU diagnostics when supported by engine ECM.

Fully configurable via the fascia or PC with standard USB cable and Deep Sea PC Configuration Suite Software. Panel mounted USB port for easy PC connection.

Extensive engine and generator instrumentation with configurable warning, shutdown, and electric trip conditions. Start and Run Outputs plus 2 additional configurable DC Outputs, 4 configurable Digital Inputs, 3 Inputs configurable as Digital or Analog.

Internal mounted and wired Start, Run and Auxiliary automotive style cube relays. Loose 85A start solenoid included for engine mounting to drive engine start solenoid.

Included: 15Ft. 24 Pin cannon plug DC engine harness. AC and additional Inputs/Outputs exit bottom of panel. Harness adapters available for select J1939 OEM harness to panel connection.

Included: VDO 150psi, 1/8ö - 27 NPT Oil pressure sender, VDO 250F, 3/8ö - 18 NPT Coolant temperature sender, 6Ft USB cable, Vibration isolators and Wiring schematics.

## P7X4510 SERIES



## How To Order

P7X4510-1 = 12VDC version panel.

P7X4510-2 = 24VDC version panel

A sales representative will collect genset rating and other information. Panel will ship pre-programmed based on customer requirements.

## Panel Options

Current Transformers ( Controller only accepts 0-5A secondary style )

DS5 Voltage Adjust Rheostat

DS32 Panel DC ON/OFF Switch

DS33 Remote Speed Potentiometer

DS67 Mushroom Emergency Stop

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