

# Auto Start Generator Control Panel

# Panelsource

## ENGINE & GENERATOR CONTROLS

### P-4510-1/2

### STANDARD FEATURES

- Dimensions: 15.50" (w) x 11.25" (h) x 10.75" (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. , Configurable Inputs and Outputs. **No remote Annunciator available for this controller**
- 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.
- Engine and generator instrumentation with configurable, shutdown, and electric trip conditions. Start and Run Outputs plus 4 additional configurable DC Outputs, 4 configurable Digital Inputs, 3 Inputs configurable as Digital or Analog.
- Panel and harnesses come wired with three 15amp outputs (start, run, aux), one 2 amp output, 4 inputs, and all necessary sensing inputs . External 85A solenoid included for engine starter.
- Included: 15ft. 24 Pin cannon plug DC engine harness. **OPTIONAL DS45B:** 4ft. 16 Pin cannon plug AC and I/O expansion harness. (Standard Configuration—AC and I/O exit bottom of panel)
- Panel kit Includes: **PROGRAMMED PANEL**, Vibration isolators, Wiring schematics. Programming cable, oil pressure (1/8" NPT) & coolant (3/8" NPT) senders, engine harness, 85A solenoid. *Metric senders are available.*
- *Programming software available from [www.deepseapl.com](http://www.deepseapl.com).*



### ORDERING

**Part Number: P-4510-X**

**X - 1 = 12 Vdc    2 = 24 Vdc**

### OPTIONS

- DS16** Auxiliary Form C Relay 12 Vdc
- DS17** Auxiliary Form C Relay 24 Vdc
- DS32** Panel On/Off Toggle Switch
- DS32** Speed Adjustment Potentiometer
- DS45B** AC Wiring Harness
- DS5** Voltage Adjustment Potentiometer
- DS67** Emergency-Stop Operator
- DS20** 3 Pole Form C Relay 12 Vdc
- DS21** 3 Pole Form C Relay 24 Vdc

