

# Auto Start Generator Control Panel

# Panelsource

## ENGINE & GENERATOR CONTROLS

### P-7310-1/2

#### STANDARD FEATURES

- Dimensions: 15.50" (w) x 11.25" (h) x 10.75" (d)
- ABS UV protected corrosion proof cabinet and corrosion resistant hardware.
- Deep Sea DSE7310MKII controller. The DSE7310MKII supports mechanical, gas, and CAN engines (including Tier4). Supports 0V to 10V and 4mA to 20mA senders. 6 configurable DC+ outputs and 2 configurable volt-free relay outputs. 8 configurable digital inputs and 6 configurable analog/digital inputs. Extensive engine and true RMS generator instrumentation with fully configurable protections.
- Front panel configurable. Full programmability via free Deep Sea PC Configuration Suite Software downloadable from Deep Sea. External panel mounted USB port for convenient programming and servicing in the field.
- Displays full SAE J1939 text with both Suspect Parameter Numbers (SPN) and Failure Mode Indicators (FMI). Enhanced Instrumentation and Engine ECU diagnostics when supported by engine ECM.
- Built in USB, RS-485, and RS-232 ports offer local and remote communication for programming, monitoring and control either directly or via expansions modules supporting: Ethernet, MODBUS TCP, MODBUS RTU for Building Management Systems, PLC or PC, SMS via GSM or standard modem. *Inquire with sales about the full range of communication options, including DSE Webnet platform.*
- Panel and harnesses come wired with three 15amp outputs (start, run, aux.), three 2 amp outputs, 7 inputs and all necessary sensing inputs. External 85A solenoid included for engine starter.
- Included: 15 ft. 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)*



#### OPTIONS

- DS16 Auxiliary Form C Relay 12 Vdc
- DS17 Auxiliary Form C Relay 24 Vdc
- DS24 Warning Light (red)
- DS32 Panel On/Off Toggle Switch
- DS33 Speed Adjustment Potentiometer
- DS40 Audible Alarm
- 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
- DS74 Qty. 1 DS-2157 (8 outputs expansion module)
- DS75 - Qty. 2 DS-2157's (16 outputs expansion module)

#### OPTIONAL MODULES

- DSE2157 Output Expansion Module (8 Form C contacts)
- DSE2130 Input Expansion Module (8 inputs)
- DSE890 3G Ethernet Web Gateway
- DSE855 Ethernet Module
- P6-8-DS 8 Light Remote Annunciator
- P6-16-DS 16 Light Remote Annunciator

**ORDERING** Part Number: **P-7310-X** **X** - 1 = 12 Vdc 2 = 24

