

# Auto Start Generator Control Panel

# Panelsource

## P9/P10N310 SERIES

### ENGINE & GENERATOR CONTROLS

Dimensions: 10.506 (w) x 12.506 (h) x 7.256 (d)

IP66 and UL-50/c-UL listed. High Impact, UV resistant polycarbonate materials. Stainless steel locking latch.

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 and advanced configuration 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.

Internal mounted and wired Start, Run and Auxiliary cube relays. 85A Start solenoid ships loose.

Included: 15Ft. 24 Pin cannon plug DC engine harness. 4Ft. 16 pin cannon plug AC and I/O expansion harness. Adapter harness available for select OEM CAN harness to panel connection. Inquire with sales.

Additional items included: Current transformers, Vibration isolators, 6Ft. USB Cable, Product documentation/schematics. Panel ships programmed according to order specification. Additional I/O set for common genset requirements.



**Panel is wired for both Conventional Diesel, Gas and CAN engines. Panel part numbering: P9N310 for Conventional Gas or Diesel. P10N310 for CAN engines.**

### STANDARD FEATURES

### PART NUMBER KEY

P9/10                       N310  
          1    2    3    4

- |                         |            |
|-------------------------|------------|
| 1. Voltage              | 3. PH/FRQ  |
| A = 480 B = 380 C = 240 | A = 1/60   |
| D = 220 E = 208 F = 120 | B = 1/50   |
| I = 600 (With PT)       | C = 3/60   |
|                         | D = 3/50   |
| 2. Amps (Example)       | 4. DC Volt |
| (Format= amps/10)       | 1 = 12     |
| 005 = 50 amp            | 2 = 24     |
| 010 = 100 amp           |            |
| 015 = 150 amp           |            |
| 150 = 1500 amp          |            |

### Panel Options

DS746 Installed and wired 1ea. DS-2157 (8 relay programmable expansion module). DS75 - 2ea. DS-2157 (16 total relays). P6-8-DS and P6-16-DS Annunciator panel, wall or flush mount, built with DSE-2548 LED Expansion module(s). See Panelsource brochures for P6 panel line.

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