

Auto Start Generator Control Panel

STANDARD FEATURES

- ABS UV Protected corrosion proof cabinet.
Dimensions: 17.75" (w) x 10.50" (h) x 10" (d)

- **Basler DGC-2020 controller** with (available in two versions; **STANDARD P-2020-S** with 7 outputs and no RS-485 COM or the **DELUXE P-2020-D** with 15 outputs and RS-485 COM.) 16 programmable inputs. Multifunction engine and generator protection and metering including ECU specific parameters when used with SAE J1939 Engines. Front panel configurable. Full programmability and advanced configuration via included Basler BESTCOM Plus software and included USB Standard (A) to (B) cable. External USB port provided on panel for easy field

configuration. Generator instrumentation and protection for all of the following; Volts, Hz, Amps, kW, kVA, kVAR, and PF. Engine Instrumentation and protection for all of the following; RPM, Oil Pressure, Coolant Temperature, Battery Voltage, Speed, Fuel Level, Engine Load, Coolant Level (from ECU) Speed detection via Generator Hz, MPU or ECU. *Magnetic Pickups available, but not included with panel.* Oil Pressure and Coolant Temperature senders included. Panel and harnesses come wired with three 15 amp outputs (start, run & aux.), three 2 amp outputs, 7 inputs, and all necessary sensing inputs. External 85 amp solenoid included for engine starter. Included: 15 ft. 24 Pin cannon plug DC engine harness. Deluxe: 4 ft. 16 Pin cannon plug AC and I/O expansion harness. Standard: 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 & start solenoid. *Metric senders are available.*

- *Programming software available from www.basler.com*

ORDERING

Part Number: P-2020- X - Y

X - 1 = 12 Vdc or 2 = 12 Vdc

Y - S = Standard or D = Deluxe

Panelsource

ENGINE & GENERATOR CONTROLS

P-2020-1/2-S/D



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 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

OPTIONAL MODULES

- CEM-2020** Contact Expansion Module
- LSM-2020** Load Share Module
- AEM-2020** Analog Expansion Module
- RDP-110** Remote Annunciator

