

AJ POWER

DIGITAL CONTROL PANELS

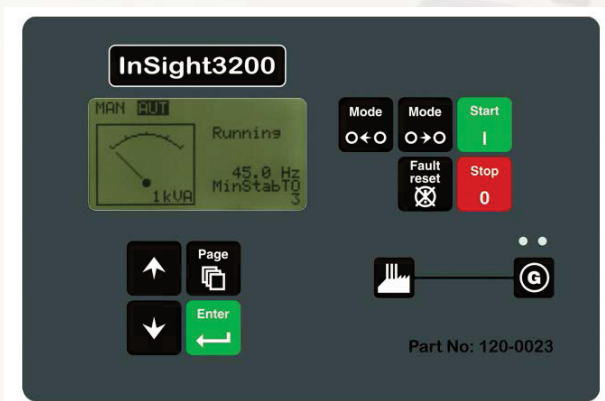
For Greater Reliability and Accuracy



Diesel generating sets worldwide

INSIGHT3200

The InSight3200 is a microcontroller based generator control unit that is used to start and stop the genset manually or via a remote start signal when in automatic mode. The device is designed to run and monitor system parameters to ensure fail-safe genset operation. The InSight3200 provides indication of operational status and fault conditions via its LCD display.



INPUTS/ OUTPUTS

- 3 phase generator voltage inputs
 - 3 phase generator current inputs
 - 12 or 24V battery power supply input
 - Oil pressure and coolant temperature analogue inputs
 - Cranking relay output
 - Fuel solenoid relay output
 - Alarm output
 - 1 programmable binary output *
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- *(Input/output expansion card option available)
*(3rd analogue input for fuel level measurement)

FUNCTIONS

- Manual and automatic genset starting and stopping
- True RMS voltage and current measurements
- kVA measurement
- Generator and engine protection features
- Engine pre-glow control
- Engine hour measurement and maintenance call
- Engine temperature, oil pressure and fuel level measurement
- Adjustable operating modes
- Digital bar graph displays of engine temperature and oil pressure
- CAN bus interface for electronic engine compatibility and ECU diagnostics.
- Recording of last 119 alarm failures
- PC and/ or front panel configurable

ALARMS/ SHUTDOWNS

- Under/ over voltage alarm
- Under/ over frequency alarm
- Engine start/stop failure
- Battery under/over voltage failure
- High temperature failure
- Emergency stop
- Low oil pressure failure
- Maintenance alarm
- Binary input Warning/Shutdown (configurable)
- Oil pressure sender failure
- Water temperature sender failure
- ECU alarms and diagnostic fault codes

Remote display panel available

Remote comms cards available - refer to product flyer

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