

Quantity 1 - Generac Industrial gaseous engine-driven generator, turbocharged/aftercooled 6 cylinder
14.2L engine, consisting of the following features and accessories:

- Stationary Emergency-Standby rated
- 300 kW Rating, wired for 277/480 VAC three phase, 60 Hz
- Permanent Magnet Excitation
- Standard Weather Protective Enclosure, Steel
 - Industrial Grey Baked-On Powder Coat Finish
- UL2200
- Power Zone Digital Control Panel for Single or MPS Generators
 - Meets NFPA 99 and 110 requirements
 - Temp Range -40 to 70 degrees C
 - Humidity 2- 95% (Non Condensing)
 - UL6200
 - C-ETL-US
 - CE
 - FCC
 - IEC801 (Radiated Emissions, Susceptibility, and Surge Immunity)
 - 7" Resistive Color Touchscreen
 - Built-in Wi-Fi, Bluetooth, and Webserver
 - IP65 (front)
 - Auto/Manual/Off key switch, Alarm Indication, Not in Auto Indication, audible alarm, emergency stop switch
 - Dual Core Digital Microprocessor
 - RS485, Ethernet and CANbus ports
 - All engine sensors are 4-20ma for minimal interference
 - Sensors: Oil Pressure, optional Oil Temp, Coolant Temp and Level, Fuel Level/Pressure (where applicable), Engine Speed, DC Battery Voltage, Run-time Hours, Generator Voltages, Amps, Frequency, Power, Power Factor
 - Alarm Status: Low or High AC Voltage, Low or High Battery Voltage, Low or High Frequency, Pre-low or Low Oil Pressure, Pre-high or High Oil Temp (optional), Low Water
 - Level and Temp, Pre-high or High Engine Temp, High, Low, and Critical-low Fuel Level/Pressure (**where** applicable), Overcrank, Over and Under Speed, Unit Not in Automatic
 - Programmable I/O
 - Built-in PLC for special applications
 - Engine function monitoring and control:
 - Full **range** standby operation; programmable auto crank, Emergency Stop, Auto-Off-Manual switch
 - Isochronous Governor
 - 0.25% digital frequency regulation with: soft-start ramping - adjustable, gain - adjustable, overshoot limit - adjustable
 - 3 Phase RMS Voltage Sensing
 - +/-0.5% digital voltage regulation with: soft-start voltage ramping - adjustable, loss of sensing protection - adjustable, negative power limit - adjustable, Hi/Lo voltage limit - adjustable, V/F slope and gain - adjustable, fault protection
 - Service reminders, trending, fault history (alarm log)
 - 12T function for full generator protection
 - Selectable low-speed exercise
 - 2-wire start controls for any 2-wire transfer switch
- 21 Light Remote Annunciator
 - Surface-Mount
 - Integral 8 Function Relay Board

- Remote Emergency Stop Switch, Surface-Mount, shipped loose
- Natural Gas fuel system
- 225 AH, 1155 CCA Group 8D Batteries, with rack, installed
- Standard MLCB, 80% rated
thermal-magnetic o
500Amp
- Dual 8 Fun Alarm Relay Panel
- Battery Charger, 10 Amp, NFPA 110 compliant, installed
- Coolant Heater, 1500W, 120VAC, forced-circulation type
- 3 Owner's Manuals
- 120V GFCI and 240V Outlet
- Alternator Strip Heater
- Flex Fuel Line
- Flush Mount Annunciator Kit
- Oil Temp Sender
- Vapor Recovery Heater
- Standard 2-Year Limited Warranty
- **SG0300KG20142S18PPYYG**