



FG Wilson 180 – 275 kVA Generating Sets

Features and Benefits

Introduction

- This FG Wilson range of generating sets is typically used for the:
 - Communication Industries
 - Financial Institutions
 - Communications
 - Rental and Construction Industries



Product Ratings

FGW Model	Engine
P180P2 / P200E2	1106C-TAG4
P200H2 / P220HE2	1306C-E87TAG4
P230H2 / P250HE2	1306C-E87TAG4
P250H2 / P275HE2	1306C-E87TAG6



Features – Open Set

- Perkins 1106 & 1306 Series 6 cylinder engine used in this generating set range
- Alternators are supplied by Leroy Somer – Industry leader
- Engine mounted battery charging alternator
- Engine mounted fuel / water separator
- Electronic governor as standard
- Heavy duty industrial silencer (supplied loose)
- Robotically welded, heavy duty, steel basetank with lifting points
- At least 8 hours of continuous operation on a single tank of fuel
- 50% Antifreeze (protection to -36°C)
- Single side servicing for reduced service times and cost



Features – Enclosed Set

- Internally mounted exhaust silencers
- Recessed external emergency stop
- Air outlet by vertical discharge
- Fully lockable with common key
- Protection against rodent access
- Single point lift, jacking points and drag points
- Robust fully welded construction
- Generous cable access
- Radiator spill retention
- Excellent maintenance access



Options

- Sound Attenuated enclosure
- Control panel upgrade to *PowerWizard 2.0* or *6000 Series* panel for Synchronising
- Droop engine control for Synchronising Process
- Extended capacity metal fuel tank
- Bunded metal fuel tank (enclosed sets only)
- 4-Pole circuit breaker
- Silencers to meet residential and critical noise levels
- Coolant heater
- Toolkit
- Upgrade to CE Certification
- Stone guards
- Fuel level switches



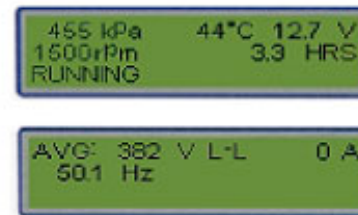
Options

- Low coolant level switch
- Low coolant temperature alarm
- Anti-condensation heater
- Quadrature droop kit
- Electronic options including droop kit
- ATI Panel – Mechanically held, motorised transfer switch



Control Panels

- PowerWizard 1.0 control panel– standard
- PowerWizard 2.0 control panel – optional upgrade
- 6000 Series – optional (For synchronising)
- Digital control panel
- Vibration isolated
- Instrumentation:
 - LCD display
 - AC & DC metering
 - Fail to start
 - Low oil pressure
 - High engine temperature
 - Underspeed / Overspeed
 - 20 Event fault log



PowerWizard



6000 Panel

Benefits

- All equipment carries full manufacturers warranty with extended warranty terms available
 - (12 months prime, 24 standby or 500 hours whichever occurs first)
- Full set of operation and maintenance manuals, wiring diagrams and commissioning / fault finding instruction leaflets
- Total service and support provided through FG Wilson Global Dealer Network
- Wide range of standard features and additional optional features