



MODEL		P165
Standby Power (50HZ)		132KW/165KVA
Prime Power (50HZ)		120KW/150KVA
Open type	2700*900*1450mm/1450 kg	
Soundproof Type	3100*1100*1600mm/2000 kg	
20ft container type	6058*2438*2591mm/4450 kg	
Fuel tank 300L (8 hours)		

- Features**
- Compact structure with high-strength chassis;
 - Easy operation and maintenance, Low cost;
 - Excellent performance damping system;
 - Compliance with international electrical safety standards of electrical system;
 - High-performance maintenance-free batteries with isolation switch
 - 50 Radiator;
 - Top lifting, Forklift bottom hole design, easy to transport;
 - Absorber;
 - Convenient power output interface;
 - Customized design for user;
 - Ripple flex exhaust pipe, exhaust siphon, flange, Industrial muffler;
 - Dry type air filter, fuel filter, oil filter.

Genset Technical Data

Rated voltage	400 V
Phase	3
Noise	@7m 70dB
Fuel consumption of 100% load	31 Litres/h
Fuel consumption of 75% load	24 Litres/h
Voltage regulation rate	≤±1%
Random voltage variation	≤±1%
Frequency regulation rate	≤±5%
Random frequency variation	≤±0.5%

ENGINE DATA

Engine Model	1106A-70TAG2
Engine Manufacturer	PERKINS
Number of Cylinder	6
Cylinder arrangement	Vertical in-line
Cycle	4 stroke
Aspiration	turbocharged, after cooled
Bore x Stroke	105 x 135 mm
Displacement	7.01L
Compression Ratio	16.0:1
Prime Power/speed	130KW / 1500rpm
Standby Power/speed	144KW / 1500rpm
Speed governor	Electrical
Cooling System	Forced Water Cooling Cycle
Steady speed droop	≤1%
Total lubrication system capacity	13L
Coolant capacity	15L
Fuel consumption at 100% load	206.9 g/Kw.h (at 1500RPM)
Starter motor	DC 12V
Alternator	DC 12V

Alternator Specifications :- GP/STAMFORD/LEROY SOMER

Alternator model	274FS
Prime power/speed	132KW
Standby power/speed	120KW
Efficiency	92,1%
Connecting Type:	3 Phase and 4 Wires, "Y" type connecting
Rated speed	1500 RPM
Rated frequency	50HZ
Phase	3
Rated voltage	400V
Exciter type	Self excitation, Brushless
Power factor	0,8
Voltage adjust range	≥5%
Voltage regulation NL-FL	≤±1%
Insulation grade	H
Protection grade	IP23

Optional

Fuel System

- 12 / 24 hour base tank (single wall)
- Dual wall base fuel tank
- Outside fuel tank
- Automatic fuel feeding
- Fuel level indicate

Canopy

- Hired type
- Economy Oil heater
- Trailer



DSE 6020

DSE Control Panel

DSE6020 is an Auto Mains (Utility) Failure Control Module suitable for diesel gen-set applications.

Monitoring speed, frequency, voltage, current, oil pressure, coolant temperature and fuel level, the modules will display warnings, shutdown and engine status information on the back-lit LCD screen and illuminated LED.

DSE6020 offer electronic (CAN) and non-electronic (magnetic pick-up/alternator sensing) engine versions and offer a number of flexible inputs, outputs and engine protections so the system can be easily adapted to suit a wide range of application demands. The modules can be easily configured using the DSE Configuration Suite PC software. Selected front panel editing is also available.

KEY FEATURES

- AMF & ATS
- Front panel editing
- Power Save mode
- 4 Digital inputs
- 3 Analogue inputs
- Alternative configuration
- Event Log (5)
- Remote Start input
- Test button
- Engine pre-heat
- Hours counter
- Configurable timers and alarms
- Back-lit icon LCD display

- LED and LCD alarm indication
- PC and front panel configuration
- 3 Phase generator monitoring
- Current monitoring and protection
- Power monitoring (kW, kV A, kV Ar)
- 3 Phase Mains (Utility) monitoring
- Battery Voltage monitoring
- CAN and Magnetic Pick-up/Alt. versions available (specify on ordering)
- 6 Outputs (4 configurable on Magnetic Pick-up/Alt., 6 configurable on CAN version)
- Comprehensive shutdown or warning on fault condition

KEY BENEFITS

- Automatically transfers between mains (utility) and generator power
- Hours counter provides accurate information for monitoring and maintenance periods
- User-friendly set-up and button
- Multiple engine parameters are monitored simultaneously
- Module can be configured to suit individual applications
- Compatible with a wide range of CAN engines
- Uses DSE Configuration Suite PC software for simplified configuration
- IP65 rating (with optional gasket) offers increased resistance to water ingress
- Licence-free PC software