

WP-P Series WP-P25GF

25KVA prime power, 28KVA standby power at 60Hz

Powered by Perkins 404D-22G

Diesel generator set technology data



Output Ratings	
Engine brand	Perkins
Engine model	404D-22G
Alternator Brand	STAMFORD
Alternator Model	S0L2-M1
Control System	Deepsea
Frequency / Phase	60HZ / 1&3
Fuel Tank Capacity (L)	8 hours
Package	Plywood tray
Size	2000mm*850mm*1180mm
Weight	900KG

- Every generator set is subjected to a comprehensive test program which includes 50% load, 75% load, 100% load, 110% load and the checking and proving of all control and safety shut-down functions;
- 12V DC start motor;
- Equipped 12V high performance maintenance-free lead-acid starting batteries and connecting with cables;
- Equipped with industrial silencer and flexible exhaust hose;
- Designed to Comply with ISO8528/GB2820;
- Powered by Perkins engine, STAMFORD alternator and Deepsea control panel.

Notes:

*Prime Power Continuous duty operation, under variable load 24/24h-10% over load permissible 1 hour/12 hours;

**Standby Power Standby duty, operation under variable load, without over load;

Standard Reference Conditions Note: Standard reference conditions 25°C (77°F) Air Inlet Temp, 100m(328 ft) A.S.L. 30% relative humidity.

Engine technology data

Engine Model	404D-22G
Engine Manufacturer	Perkins
Number of Cylinders	4 cylinders in line
Cycle	4 stroke
Air Intake system	Naturally
Bore × Stroke	84mm x100mm
Displacement	2.216L
Compression ratio	23.3:1
Engine Prime Power/Speed	22KW/1800rpm
Engine Standby Power/Speed	24.3KW/1800rpm
Speed Governor	Mechanical
Cooling System	Forced water cooling cycle
Steady speed droop	≤1%
Total lubrication system capacity	10.6L
Coolant capacity	7L
Fuel Consumption at 75% Load	240g/kw h
Starter Motor	DC12V
Alternator	DC12V

Alternator technology data

Alternator Model	S0L2-M1
Continuous power	25KVA
Frequency/speed	60HZ/1800rpm
Exciter type	Single bearing, Brushless, Self-excited
Power factor	0.8 or 1
Voltage adjust range	≥5%
Voltage regulation NL-FL	≤ ± 1%
Insulation Grade	H
Protection Grade	IP23
Phase	3 or 1



STAMFORD®

MAGNAPLUS®

**LEROY
SOMER**

ABB and other brands

Control system

<p>SmartGen</p>  <p>The image shows a SmartGen Genset Controller, a black rectangular device with a green LCD display. The display shows various parameters including voltage (0V), current (0.0A), power (0.0kW), frequency (0.0Hz), and temperature (24.1V, 0.0V, 0.0V). Below the display are several buttons: Load, Close, Open, Genset, Auto, Manual, Start, and Stop. The device is labeled 'SmartGen Genset Controller'.</p>	<p>SmartGen HGM series controller, integrating digital, intelligent and network techniques, is used for automatic control and monitoring system of genset. It can carry out functions of automatic start/stop, data measurement, alarm protection and three “remote” (remote control, remote measure and remote communication). The controller uses LCD display, optional display interface including Chinese, English, Spanish, Russian, Portuguese, Turkey, Polish and French with easy and reliable operation.</p> <p>HGM9600 series, HGM9500 series, HGM9300 series, HGM8000 series, HGM7110 series, HGM7000 series, HGM6300 series, HGM6100 series, HGM1700 series, HSC900 series, HGM400 series etc.</p>
<p>Deepsea</p>  <p>The image shows a Deepsea DSE 7120 MKII Genset Controller, a black rectangular device with a monochrome LCD display. The display shows various parameters including voltage, current, power, frequency, and temperature. Below the display are several buttons: Load, Close, Open, Genset, Auto, Manual, Start, and Stop. The device is labeled 'DEEP SEA ELECTRONICS DSE 7120 MKII'.</p>	<p>DSE Genset® is an intelligent range of single-set and multi-set generator control solutions, mains (utility) protection relays, digital automatic voltage regulators (AVR's), remote communications devices and expansion modules. Each range has been designed and manufactured by our industry leading experts to deliver a range of features and benefits that set new standards across the industry.</p> <p>Manual & auto start control modules: DSE7410 series, DSE7310 series, DSE7210 series, DSE7110 series, DSE6110 series, DSE6010 series etc.</p> <p>Auto mains utility failure control modules: DSE7420 series, DSE7320 series, DSE7220 series, DSE7120 series, DSE6120 series, DSE6020 series etc.</p>
<p>ComAp</p>  <p>The image shows a ComAp IntelliGen 200 Genset Controller, a black rectangular device with a color LCD display. The display shows various parameters including voltage, current, power, frequency, and temperature. Below the display are several buttons: Load, Close, Open, Genset, Auto, Manual, Start, and Stop. The device is labeled 'IntelliGen 200 ComAp'.</p>	<p>InteliLite is a product family designed for standby and prime power applications where there is no need for synchronization. The full range of models provides end users with excellent flexibility and choices, with special emphasis on communications and user experience.</p> <p>InteliLite NT MRS 10, InteliLite NT MRS 19, InteliLite MRS 16, InteliLite MRS 25, InteliLite NT AMF 20, InteliLite NT AMF 25, InteliLite AMF 20, InteliLite AMF 25 etc.</p>
<p>And other brands</p>	

Highlights



Standard accessories

Standard Accessories	Open type	Silent type
Sound-proof & Weather-proof Canopy	N/A	✓
Daily base fuel tank. 8 hours capacity	N/A	✓
Single-bearing generator again drops	✓	✓
Intelligent LED display control panel	✓	✓
Speed governor	✓	✓
Electric start and 24v charger	✓	✓
Standard air filter, oil filter, fuel filter	✓	✓
Cooling water tank	✓	✓
High-efficient silencer.	✓	✓
Exhaust elbow	✓	✓
Storage battery	✓	✓
Steel base-frame against vibration	✓	✓
Soft pipe for fuel and handle for lube going-out	✓	✓
Operation& Maintenance manual.	✓	✓

