DIESEL GENERATOR SET

MODEL		P330
Standby Power (50HZ)		**264KW/330KVA**
Prime Power (50HZ)		**240KW/300KVA**
Open type	**2850*1000*1820mm/2400 kg**	
Soundproof Type	**3900*1600*2200 mm/3800 kg**	
20ft container type	**6058*2438*2591mm/5400 kg**	
Fuel tank 650L (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 muffer;
• 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	65 Litres/h
Fuel consumption of 75% load	48 Litres/h
Voltage regulation rate	≤±1%
Random voltage variation	≤±1%
Frequency regulation rate	≤±5%
Random frequency variation	≤±0.5%

Engine Specifications

Engine model	1506A-E88TAG5
Engine manufacturer	PERKINS
Number of cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	Four stroke
Aspiration	Turbocharged, aftercooled
Bore Stroke (mm mm)	112 x 149
Displacement (Liter)	8,8
Compression Ratio	16.1:1
Prime power/speed	267KW / 1500rpm
Standby power/speed	293KW / 1500rpm
Speed governor	Electrical
Cooling system	Forced Water Cooling Cycle
Steady speed droop (%)	≤1%
Total lubrication system capacity (L)	41
Coolant capacity (L)	35
Fuel consumption at 100% load	196(g/kWh) (at 1500RPM)
Starter motor	DC 24V
Alternator	DC 24V

Alternator Specifications :- GP/STAMFORD/LEROY SOMER

Model	C4D
Prime power/speed	240KW
Standby power/speed	264KW
Connecting Type	3 Phase and 4 Wires, "Y" type connecting
Efficiency (%)	92,7%
Rated speed	1500 RPM
Rated frequency	50 Hz
Phase	3
Rated voltage	400 V
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 Control Panel

DSE7320 is an advanced control module based on micro-processor, It is an Auto Mains (Utility) Failure Control Module(AMF), have been designed to start and stop generating sets that include electronic And non-electronic engines. Include the additional capability of being able to monitor a mains (utility) supply. when main is not available, It can automatically start the engine and close generating sets breaker automatically, Accurately measure various operational parameters and display all values and alarms information on the LCD. In additional, it can automatically open breaker, and shutdown the engine after the main supply recovers.

The control module display	Main Features
• Generator voltage	• AMF and ATS and communication and expansion function
• Generator frequency	• Designed to work with electronic or non-electronic or gas engine simultaneously.
• Battery voltage	(support many kinds of engines ECU).
• Engine speed	• Manual, Automatic, Test and remote control mode selectable.
• Load current	• Monitoring and measuring operational parameters of the mains supply and genset.
• Generator KVA, KW, PF	• Indicating operation status, fault conditions, all parameters and alarms
• Engine run-time Hours	• Multiple protections and multiple parameters display.
• Engine oil pressure	• Includes 12 inputs and eight outputs. 8 inputs are configurable and 4 outputs are configurable.
• Engine coolant temperature	• Can be programmed using the front panel or by using the PC software.
• Real time clock for time and date, overall runtime	• Support twelve languages. The language was edited by customer.
	• Graded protection: pre-alarm, shutdown and electrical trip, flexible setting.
	• The module can be pre-set for four operating modes and protecting parameters.
	• Add DSE860 or DSE865 module, internet network monitoring can be realized.
	• The firmware can be updated automatically, so customer can have the latest version.