

DIESEL GENERATOR SET



MODEL		P250
Standby Power (50HZ)		200KW/250KVA
Prime Power (50HZ)		180KW/225KVA
Open type	2700*1000*1720mm/2100 kg	
Soundproof Type	3900*1600*2200 mm/3500 kg	
20ft container type	6058*2438*2591mm/5100 kg	
Fuel tank 500L (8 hours)		
Features <ul style="list-style-type: none">• 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		50 Litres/h
Fuel consumption of 75% load		39 Litres/h
Voltage regulation rate		≤±1%
Random voltage variation		≤±1%
Frequency regulation rate		≤±5%
Random frequency variation		≤±0.5%
Engine Specifications		
Engine model		1506A-E88TAG2
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		204KW / 1500rpm
Standby power/speed		222KW / 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		197(g/kWh) (at 1500RPM)
Starter motor		DC 24V
Alternator		DC 24V
Alternator Specifications		
Model		274J
Prime power/speed		184KW
Standby power/speed		200KW
Connecting Type		3 Phase and 4 Wires, "Y" type connecting
Efficiency (%)		93,1%
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	
<p>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.</p>	
<p>The control module display</p> <ul style="list-style-type: none">• Generator voltage• Generator frequency• Battery voltage• Engine speed• Load current• Generator KVA, KW, PF• Engine run-time Hours• Engine oil pressure• Engine coolant temperature• Real time clock for time and date, overall runtime	<p>Main Features</p> <ul style="list-style-type: none">• AMF and ATS and communication and expansion function• Designed to work with electronic or non-electronic or gas engine simultaneously. (support many kinds of engines ECU).• Manual, Automatic, Test and remote control mode selectable.• Monitoring and measuring operational parameters of the mains supply and genset.• Indicating operation status, fault conditions, all parameters and alarms• Multiple protections and multiple parameters display.• Includes 12 inputs and eight outputs. 8 inputs are configurable and 4 outputs are configurable.• Can be programmed using the front panel or by using the PC software.• 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.