





MODEL		P110
Standby Power (50HZ)		88KW/110KVA
Prime Power (50HZ)		80KW/100KVA
Open type	2400*750*1400mm/1100 kg	FOB Fuzhou in USD
Soundproof Type	2800*1100*1500mm/1560 kg	FOB Fuzhou in USD
Fuel tank 250L (8 hours)	Automatic Transfer Switching	USD
<b>Features</b> 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.		
<b>Genset Technical Data</b>		
Rated voltage		400 V
Phase		3
Noise		@7m 70dB
Fuel consumption of 100% load		23 Litres/h
Fuel consumption of 75% load		17 Litres/h
Voltage regulation rate		≤±1%
Random voltage variation		≤±1%
Frequency regulation rate		≤±5%
Random frequency variation		≤±0.5%
<b>ENGINE DATA</b>		
Engine Model		1104C-44TAG2
Engine Manufacturer		PERKINS
Number of Cylinder		4
Cylinder arrangement		Vertical in-line
Cycle		4 stroke
Aspiration		turbocharged, air-air charge cooled
Bore x Stroke		105 x 127 mm
Displacement		4.41L
Compression Ratio		18.2:1
Prime Power/speed		90KW / 1500rpm
Standby Power/speed		100KW / 1500rpm
Speed governor		Electrical
Cooling System		Forced Water Cooling Cycle
Steady speed droop		≤1%
Total lubrication system capacity		8.0L
Coolant capacity		12.6L
Fuel consumption at 100% load		205 g/Kw.h (at 1500RPM)
Starter motor		DC 12V
Alternator		DC 12V
<b>Alternator Specifications :- GP/STAMFORD/LEROY SOMER</b>		
Alternator model		274C
Prime power/speed		88KW
Standby power/speed		80KW
Efficiency		90,4%
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		
<div><div><p>DSE 6020</p></div><div></div></div>		
DSE Control Panel		
<p>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.</p> <p>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.</p>		
<b>KEY FEATURES</b> <ul style="list-style-type: none"><li>• <b>AMF &amp; ATS</b></li><li>· Front panel editing</li><li>· Power Save mode</li><li>· 4 Digital inputs</li><li>· 3 Analogue inputs</li><li>· Alternative configuration</li><li>· Event Log (5)</li><li>· Remote Start input</li><li>· Test button</li><li>· Engine pre-heat</li><li>· Hours counter</li><li>· Configurable timers and alarms</li><li>· Back-lit icon LCD display</li></ul>	<ul style="list-style-type: none"><li>· LED and LCD alarm indication</li><li>· PC and front panel configuration</li><li>· 3 Phase generator monitoring</li><li>· Current monitoring and protection</li><li>· Power monitoring (kW, kV A, kV Ar)</li><li>· 3 Phase Mains (Utility) monitoring</li><li>· Battery Voltage monitoring</li><li>· CAN and Magnetic Pick-up/Alt. versions available (specify on ordering)</li><li>· 6 Outputs (4 configurable on Magnetic Pick-up/Alt., 6 configurable on CAN version)</li><li>· Comprehensive shutdown or warning on fault condition</li></ul>	<b>KEY BENEFITS</b> <ul style="list-style-type: none"><li>· Automatically transfers between mains (utility) and generator power</li><li>· Hours counter provides accurate information for monitoring and maintenance periods</li><li>· User-friendly set-up and button</li><li>· Multiple engine parameters are monitored simultaneously</li><li>· Module can be configured to suit individual applications</li><li>· Compatible with a wide range of CAN engines</li><li>· Uses DSE Configuration Suite PC software for simplified configuration</li><li>· IP65 rating (with optional gasket) offers increased resistance to water ingress</li><li>· Licence-free PC software</li></ul>