



MODEL		P10
Standby Power (50HZ)		8KW/10KVA
Prime Power (50HZ)		7.2KW/9KVA
Open type	1320*600*1200mm/330 kg	
Soundproof Type	2000*950*1250mm/670 kg	
Fuel tank 40L (8 hours)		
<div>Features</div> <div><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;</div> <div>Ripple flex exhaust pipe, exhaust siphon, flange, Industrial muffler;</div> <div><ul style="list-style-type: none">• Dry type air filter, fuel filter, oil filter.</div>		
Genset Technical Data		
Rated voltage	400 V	
Phase	3	
Noise	@7m 65dB	
Fuel consumption of 100% load	3.0 Litres/h	
Fuel consumption of 75% load	2.3 Litres/h	
Voltage regulation rate	≤±1%	
Random voltage variation	≤±1%	
Frequency regulation rate	≤±5%	
Random frequency variation	≤±0.5%	
Engine Specifications		
Engine model	403D-11G	
Engine manufacturer	PERKINS	
Number of cylinders	3	
Cylinder arrangement	Vertical in-line	
Cycle	Four stroke	
Aspiration	naturally	
Bore Stroke (mm mm)	77 x 81	
Displacement (Liter)	1,131	
Compression Ratio	23:01	
Prime power/speed	8.4KW / 1500rpm	
Standby power/speed	9.2KW / 1500rpm	
Speed governor	Electrical	
Cooling system	Forced Water Cooling Cycle	
Steady speed droop (%)	≤1%	
Total lubrication system capacity (L)	4,9	
Coolant capacity (L)	5,2	
Fuel consumption at 100% load	248(g/kWh) (at 1500RPM)	
Starter motor	DC 12V	
Alternator	DC 12V	
Alternator Specifications :- GP/STAMFORD/LEROY SOMER		
Model	164B	
Prime power/speed	8.8KW	
Standby power/speed	9.6KW	
Connecting Type	3 Phase and 4 Wires, "Y" type connecting	
Efficiency (%)	80,50%	
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		
<div>Fuel System</div> <div><ul style="list-style-type: none">• 12 / 24 hour base tank (single wall)• Dual wall base fuel tank• Outside fuel tank• Automatic fuel feeding• Fuel level indicate</div> <div>Canopy</div> <div><ul style="list-style-type: none">• Hired type• Economy Oil heater• Trailer</div>		



DSE Control Panel		
<p>DSE 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>		
KEY FEATURES <ul style="list-style-type: none">· 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	<ul style="list-style-type: none">· 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 <ul style="list-style-type: none">· 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