


| MODEL  |  | P715         |
|--|--|--------------|
| Standby Power (50HZ)   |  | 572KW/715KVA |
| Prime Power (50HZ)   |  | 520KW/650KVA |
| Open type  | 4000*1500*2200mm/4700 kg                 |              |
| Soundproof Type  | 4800*1800*2200 mm/6200 kg                |              |
| 20ft container type  | 6058*2438*2591mm/7700 kg                 |              |
| Fuel tank 1000L  |  |              |
| <b>Features</b> <ul style="list-style-type: none"><li>• Compact structure with high-strength chassis;</li><li>• Easy operation and maintenance, Low cost;</li><li>• Excellent performance damping system;</li><li>• Compliance with international electrical safety standards of electrical system;</li><li>• High-performance maintenance-free batteries with isolation switch</li><li>• 50 Radiator;</li><li>• Top lifting, Forklift bottom hole design, easy to transport;</li><li>• Absorber;</li><li>• Convenient power output interface;</li><li>• Customized design for user;</li><li>• Ripple flex exhaust pipe, exhaust siphon, flange, Industrial muffler;</li><li>• Dry type air filter, fuel filter, oil filter.</li></ul> |  |              |
| <b>Genset Technical Data</b>   |  |              |
| Rated voltage  | 400 V                                    |              |
| Phase  | 3  |              |
| Noise  | @ 7m 70dB                                |              |
| Fuel consumption of 100% load  | 132 Litres/h                             |              |
| Fuel consumption of 75% load   | 97 Litres/h                              |              |
| Voltage regulation rate  | ≤±1%                                     |              |
| Random voltage variation   | ≤±1%                                     |              |
| Frequency regulation rate  | ≤±5%                                     |              |
| Random frequency variation   | ≤±0.5%                                   |              |
| <b>Engine Specifications</b>   |  |              |
| Engine model   | 2806C-E18TAG2A                           |              |
| Engine manufacturer  | PERKINS                                  |              |
| Number of cylinders  | 6  |              |
| Cylinder arrangement   | Vertical in-line                         |              |
| Cycle  | 4 stroke                                 |              |
| Aspiration   | turbocharged, air-air charge cooled      |              |
| Bore Stroke (mm mm)  | 145 x 183 mm                             |              |
| Displacement (Liter)   | 18.1L                                    |              |
| Compression Ratio  | 14.5:1                                   |              |
| Prime power/speed  | 565KW / 1500rpm                          |              |
| Standby power/speed  | 609KW / 1500rpm                          |              |
| Speed governor   | Electrical                               |              |
| Cooling system   | Forced Water Cooling Cycle               |              |
| Steady speed droop (%)   | ≤1%                                      |              |
| Total lubrication system capacity (L)  | 62L                                      |              |
| Coolant capacity (L)   | 61L                                      |              |
| Fuel consumption at 100% load  | 202 g/Kw.h (at 1500RPM)                  |              |
| Starter motor  | DC 24V                                   |              |
| Alternator   | DC 24V                                   |              |
| <b>Alternator Specifications :- GP/STAMFORD/LEROY SOMER</b>  |  |              |
| Model  | C5F                                      |              |
| Prime power/speed  | 590KW                                    |              |
| Standby power/speed  | 536KW                                    |              |
| Connecting Type  | 3 Phase and 4 Wires, "Y" type connecting |              |
| Efficiency (%)   | 94,9%                                    |              |
| 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                                     |              |

|  |  |
|--|--|
| <b>Optional</b>  |  |
| <b>Fuel System</b>   |  |
| • 12 / 24 hour base tank (single wall)   |  |
| • Dual wall base fuel tank   |  |
| • Outside fuel tank  |  |
| • Automatic fuel feeding   |  |
| • Fuel level indicate  |  |
|  |  |
| <b>Canopy</b>  |  |
| • Hired type   |  |
| • Economy Oil heater   |  |
| • Trailer  |  |
|    |  |
| <b>DSE Control Panel</b>   |  |
| <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> |  |
| <b>The control module display</b> <ul style="list-style-type: none"><li>• Generator voltage</li><li>• Generator frequency</li><li>• Battery voltage</li><li>• Engine speed</li><li>• Load current</li><li>• Generator KVA, KW, PF</li><li>• Engine run-time Hours</li><li>• Engine oil pressure</li><li>• Engine coolant temperature</li><li>• Real time clock for time and date, overall runtime</li></ul>  | <b>Main Features</b> <ul style="list-style-type: none"><li>• AMF and ATS and communication and expansion function</li><li>• Designed to work with electronic or non-electronic or gas engine simultaneously. (support many kinds of engines ECU).</li><li>• Manual, Automatic, Test and remote control mode selectable.</li><li>• Monitoring and measuring operational parameters of the mains supply and genset.</li><li>• Indicating operation status, fault conditions, all parameters and alarms</li><li>• Multiple protections and multiple parameters display.</li><li>• Includes 12 inputs and eight outputs. 8 inputs are configurable and 4 outputs are configurable.</li><li>• Can be programmed using the front panel or by using the PC software.</li><li>• Support twelve languages. The language was edited by customer.</li><li>• Graded protection: pre-alarm, shutdown and electrical trip, flexible setting.</li><li>• The module can be pre-set for four operating modes and protecting parameters.</li><li>• Add DSE860 or DSE865 module, internet network monitoring can be realized.</li><li>• The firmware can be updated automatically, so customer can have the latest version.</li></ul> |