



| MODEL  |                              | WT-P33                                   |
|--|------------------------------|--|
| Standby Power (50HZ)   |                              | 26.4KW/33KVA                             |
| Prime Power (50HZ)   |                              | 24KW/30KVA                               |
| Open type  | 1800*750*1200mm/600 kg       | FOB Fuzhou in USD                        |
| Soundproof Type  | 2280*1000*1250mm/1000 kg     | FOB Fuzhou in USD                        |
| Fuel tank 80L (8 hours)  | Automatic Transfer Switching | USD                                      |
| <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  |                              | 7 Litres/h                               |
| Fuel consumption of 75% load   |                              | 5.5 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   |                              | 1103A-33G                                |
| Engine Manufacturer  |                              | PERKINS                                  |
| Number of Cylinder   |                              | 3  |
| Cylinder arrangement   |                              | Vertical in-line                         |
| Cycle  |                              | 4 stroke                                 |
| Aspiration   |                              | naturally                                |
| Bore x Stroke  |                              | 105 x 127 mm                             |
| Displacement   |                              | 3.3L                                     |
| Compression Ratio  |                              | 19.25:1                                  |
| Prime Power/speed  |                              | 28KW / 1500rpm                           |
| Standby Power/speed  |                              | 30KW / 1500rpm                           |
| Speed governor   |                              | Electrical                               |
| Cooling System   |                              | Forced Water Cooling Cycle               |
| Steady speed droop   |                              | ≤1%                                      |
| Total lubrication system capacity  |                              | 7.9L                                     |
| Coolant capacity   |                              | 10.2L                                    |
| Fuel consumption at 100% load  |                              | 211 g/Kw.h (at 1500RPM)                  |
| Starter motor  |                              | DC 12V                                   |
| Alternator   |                              | DC 12V                                   |
| <b>Alternator Specifications :- GP/STAMFORD/LEROY SOMER</b>  |                              |  |
| Alternator model   |                              | 184G                                     |
| Prime power/speed  |                              | 26.4KW                                   |
| Standby power/speed  |                              | 24KW                                     |
| Connecting Type:   |                              | 3 Phase and 4 Wires, "Y" type connecting |
| Efficiency   |                              | 85,0%                                    |
| 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                                     |
| <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  |                              |  |



DSE Control Panel

DSE6020 is an Auto Mains (Utility) Failure Control Module suitable for diesel gen-set applications.

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| <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> |
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