

## DIESEL GENERATOR SET



MODEL         1915           Standby Power (60HZ)         572KW/715KVA           Open type         4000°1500°2200mm/4700 kg           Sumdproof Type         4000°1500°2200 mm/200 kg           2010 container type         6058°2438°2591mm/7700 kg           Part tank 100L         Features           Compact structure with high-strength chassis;         ************************************			PROTECT
Prime Power (5012)         \$20kW/650kVA           Open type         4800*1500*2200 mm/4700 kg         \$20kW/650kVA           201 container type         6658*2438*2591mm/7700 kg         \$20kW/650kVA           Features         Compact structure with high-strength classis;         *           * Eavy election and mamerunce, Low cost;         *         *           * Complexe tructure with indensities stafty standards of electrical system;         *         *           * Fight-performance mamerance-free batteries with solution witch         *         *           * To oppose tructure with solution solution witch         *         *           * To oppose tructure with solution solution witch         *         *           * To oppose tructure witch witch         *         *           * Outpoint         #         *         *           * To oppose tructure witch witch         *         *         *           * To oppose tructure witch witch         *         *         *           * To oppose tructure witch witch witch         *         *         *           * To oppose tructure witch witch witch witch         *         *         *           * Staff         *         *         *         *           * Oppose and filter, witch filter, witch witch witch witch w	MODEL		P715
Open type         4000*1500*2200 mm/6200 kg           2001 container type         6958*2438*2591mm/700 kg           Fuel tank 1000L         Features           Compact storture with high-strength chassis:         Compact stortures with high-strength chassis:           Easy operation and maintenance. Low cost, it         Easy operation and maintenance. Low cost, it           Scuellent performance damping system.         Features           C coppliance with international electrical system (standards of electrical system):         Features           C comment power output interface,         Comment power output interface,           C accontainer power output interface,         Comment power output interface,           C accontainer power output interface,         4000 V           Phase         3           Rated voltage         400 V           Phase         3           Noise         400 V           Phase         3           Noise         400 V           Phase         3           Rated voltage         400 V           Phase         3           Rolea         470 NdB           Fequence regulation rate         541%           Random voltage variation         541%           Frequency variation         541%	Standby Power (50HZ)		572KW/715KVA
Soundproof Type         4800*1800*2200 mm/6200 kg           201 container type         6058*2438*2591mm/7700 kg           Fuel tank 10001.         Example           Features         Compact structure with high-strengt chassis;           Easy operation and matemance. Low cost;         Example           For the time the time term at safety standards of electrical system;         Coggitance with international electrical safety standards of electrical system;           Compact structure with high-strengt chassis;         *         *           * Righ-performance maintenance. The batteries with isolation switch         *           * 10p Inting, Forkith bottom hole design, casy to transport;         *           * Absorber;         *         *           * Convenient power output interface;         *           * Consumption of 100% load         #           Fuel consumption of 100% load         #           Fuel consumption of 76% load         #           Voltage regulation rate         \$           Random requery variation         \$           Eardow metage variation         \$           Frequency regulation rate <td< td=""><td colspan="2"></td><td>520KW/650KVA</td></td<>			520KW/650KVA
Soundproof Type         4800*1800*2200 mm/6200 kg           201 container type         6058*2438*2591mm/7700 kg           Fuel tank 10001.         Example           Features         Compact structure with high-strengt chassis;           Easy operation and matemance. Low cost;         Example           For the time the time term at safety standards of electrical system;         Coggitance with international electrical safety standards of electrical system;           Compact structure with high-strengt chassis;         *         *           * Righ-performance maintenance. The batteries with isolation switch         *           * 10p Inting, Forkith bottom hole design, casy to transport;         *           * Absorber;         *         *           * Convenient power output interface;         *           * Consumption of 100% load         #           Fuel consumption of 100% load         #           Fuel consumption of 76% load         #           Voltage regulation rate         \$           Random requery variation         \$           Eardow metage variation         \$           Frequency regulation rate <td< td=""><td></td><td></td><td></td></td<>			
20ft container type         6058*2438*2591mm/700 kg           Part rak. 1000         Peatures           Compact structure with high-strength chassis;         •           • lasy operation and maintenance, Low cost;         •           • twoellent performance damping system;         •           • Complate exitential safety studards 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;         •         •           • Consuming topser stipute, statist siphon, flange, Industrial muffer;         •         >           • Dry type air filter, fuel filter, oil filter.         #         #           Phase         3         *         Noise         #           Fuel consumption of 100% load         #         #         #         #           • Plate consumption of 100% load         #         #         #         #           • Plate consumption of 100% load         #         #         #         #         #         #         #         #         #         #		8	
Fuel task. 1000L         Partners           Compact structure with high-strength chassis;		Ű	
Features         Compare structure with high-strength chassis;                Easy operation and maintenance-free batteries with isolation switch               Solateries                 Excellent performance damping system,               Compliance with international electrical stystem;                 Figh-performance maintenance-free batteries with isolation switch               Solateries                 For bitting, Forklift bottom hole design, easy to transport;               Absorber;                 Convenient power output interface;               Convenient power output interface;                 Consumption of 100% load               Size (Consumption of 100% load                 Rated voltage               Size (Consumption of 100% load                 Fuel consumption of 70% load               Size (Size (Consumption of 100% load                 Fuel consumption of 70% load               Size (Size (Si		0030*2430*23911111/1700 Kg	
Compare structure with high-strongth chassis; Easy operation and maintenance, Low cost; Excellent performance damping system; • Excellent performance maintenance-free batteries with isolation switch • 50 Radiane; • Commission power output interface; • Customized design for user; • Notober; • Consumized design for user; • Nyppe far Catheast Epite, statist sphon, flange, Industrial muffer; • Dy pripe air filter, full filter, oil filter. <b>Genset Technical Data</b> <b>Genset Technical Data</b> <b>Genset Technical Data</b> <b>Genset Technical Data</b> <b>Genset Technical Data</b> <b>Rated voltage</b> <b>Phase</b> <b>100</b> V <b>Phase</b> <b>100</b> V <b>Phase</b> <b>100</b> V <b>Phase</b> <b>100</b> V <b>Phase</b> <b>100</b> V <b>Phase</b> <b>100</b> V <b>101 100 100% load</b> <b>102 110 1110</b>			
Rated voltage     400 V       Phase     3       Noise     @Tm 70lB       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     \$±1%       Random frequency variation     \$±0.5%       Engine model     \$200C-E18TAG2A       Engine model     2806C-E18TAG2A       Engine manufacturer     PERKINS       Number of cylinders     6       Cylinder arrangement     Vertical in-line       Cycle     4 stroke       Aspiration     145 x183 nm       Displacement (Liter)     18.1L       Compression Ratio     14.5.1       Prime power/Speed     609KW / 1500rpm       Standby power/speed     609KW / 1500rpm       Speed droop (%)     51%       Total lubrication system capacity (L) <td>Compact structure with high-strength Easy operation and maintenance, Lo Excellent performance damping syst Compliance with international electri High-performance maintenance-free 50 Radiator; Top lifting, Forklift bottom hole des Absorber; Convenient power output interface; Customized design for user; Ripple flex exhaust pipe, exhaust sig</td> <td>ow cost; tem; rical safety standards of electrical system; e batteries with isolation switch sign, easy to transport; phon, flange, Industrial muffer;</td> <td>•</td>	Compact structure with high-strength Easy operation and maintenance, Lo Excellent performance damping syst Compliance with international electri High-performance maintenance-free 50 Radiator; Top lifting, Forklift bottom hole des Absorber; Convenient power output interface; Customized design for user; Ripple flex exhaust pipe, exhaust sig	ow cost; tem; rical safety standards of electrical system; e batteries with isolation switch sign, easy to transport; phon, flange, Industrial muffer;	•
Phase       3         Noise       @7m 70dB         Fuel consumption of 75% load       132 Litres/h         Voltage regulation rate       \$±1%         Random voltage variation       \$±1%         Frequency regulation rate       \$±1%         Random voltage variation       \$±1%         Frequency regulation rate       \$±5%         Random frequency variation       \$±0.5%         Dagine Specifications       \$±0.5%         Engine model       2806C-E18TAG2A         Engine model       145x13         Cycle       4 stroke         Aspiration       145x13 <td></td> <td></td> <td></td>			
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       \$±1%         Random frequency variation       \$±1%         Frequency regulation rate       \$±5%         Random frequency variation       \$±0.5%         Engine model       2806C-E18TAG2A         Engine manufacturer       PERKINS         Number of cylinders       6         Cycle       4 stroke         Gycle       145 x 183 mm         Displacement (Liter)       18.1L         Compression Ratio       145 x 183 mm         Displacement Cliter)       18.1L         Cooling system       Forced Water Cooling Cycle         Standby power/speed       609KW / 1500rpm         Standby speed droop (%)       \$1%         Total lubrication system capacity (L)       61L         Cooling system       Forced Water Cooling Cycle         Stardby power/speed       500KW         Stardby power/speed       500KW         Stardby power/speed       500KW         Stardby power/speed       500K			
Fuel consumption of 100% load       132 Litres/h         Fuel consumption of 75% load       07 Litres/h         Voltage regulation rate       41%         Random voltage variation       541%         Frequency regulation rate       545%         Random frequency variation       540.5%         Engine Requency variation       540.5%         Engine model       2806C-E18TAG2A         Engine model       2806C-E18TAG2A         Engine model       0         Cycle       4 stroke         Aspiration       145 x 183 mm         Displacement (Liter)       14.5:1         Prime power/speed       565KW / 1500rpm         Steady speed droop (%)       61         Cooling system       Forced Water Cooling Cycle         Steady speed droop (%)       61L         Colonat capacity (L)       62L         Coolant capacity (L)       62L         Coolant capacity (L)       62L         Kater       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Alternator       S0C 24V         Alternator       DC 24V         Alternator       DC 24V <tr< td=""><td></td><td></td><td>-</td></tr<>			-
Voltage regulation rate $\leq \pm 1\%$ Random voltage variation $\leq \pm 1\%$ Frequency regulation rate $\leq \pm 5\%$ Random frequency variation $\leq \pm 0.5\%$ Engine model       2806C-E18TAG2A         Engine manufacturer       PERKINS         Number of cylinders       6         Cycle       4 stroke         Aspiration       145 x 183 mm         Displacement (Liter)       18.1L         Compression Ratio       14.5:1         Prime power/speed       565KW/1500pm         Speed governor       Electrical         Colant capacity (L)       61L         Fuel consumption at 100% load       202 g/kw.h (at 1500RPM)         Standby power/speed       505KW         Standby power/speed       61L         Fuel consumption at 100% load       202 g/kw.h (at 1500RPM)         Starder motor       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Model       CSF         Prime power/speed       506KW         Standby power/speed       506KW         Coolant capacity (L)       61L         Fuel consumption at 100% load       202 g/kw.h (at 1500RPM)		d	
Random voltage variation $\leq \pm 1\%$ Frequency regulation rate $\leq \pm 2\%$ Random frequency variation $\leq \pm 0.5\%$ Engine model       2806C-E18TAG2A         Engine model       2806C-E18TAG2A         Engine manufacturer       PERKINS         Number of cylinders       6         Cylinder arrangement       Vertical in-line         Cycle       4 stroke         Aspiration       145 x 183 mm         Displacement (Liter)       18.1L         Compression Ratio       14.5.1         Prime power/speed       565KW / 1500rpm         Standby power/speed       600KW / 1500rpm         Steady speed droop (%)       51%         Total lubrication system capacity (L)       61L         Coolant capacity (L)       61L         Fuel consumption at 100% load       202 g/Kw.h (at 1500RPM)         Starter motor       DC 24V         Alternator       DC 24V         Alternator Specifications :- GP/STAMFORD/LEROY SOMER       515KW         Model       C5F         Prime power/speed       500KW         Standby power/speed       535KW         Connecting Type       3 Phase and 4 Wires, "Y type connecting			97 Litres/h
Frequency regulation rate $\leq \pm 5\%$ Random frequency variation $\leq \pm 0.5\%$ Engine Specifications       2806C-E18TAG2A         Engine manufacturer       PERKINS         Number of cylinders       6         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         Speed governor       Electrical         Cooling system       Forced Water Cooling Cycle         Standby power/%peed       61L         Coolant capacity (L)       61L         Coolant capacity (L)       61L         Fuel consumption at 100% load       202 g/Kw.h (at 1500RPM)         Starter motor       DC 24V         Alternator Specifications :- GP/STAMFORD/LEROY SOMER       Model         Model       CSF         Prime power/speed       590KW         Standby power/speed       590KW	Voltage regulation rate		
Random frequency variation       ≤±0.5%         Engine Specifications       2806C-E18TAG2A         Engine model       2806C-E18TAG2A         Engine manufacturer       PERKINS         Number of cylinders       6         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         Standby governor       Electrical         Cooling system       Forced Water Cooling Cycle         Steady speed droop (%)       ≤1%         Total lubrication system capacity (L)       61L         Fuel consumption at 100% load       202 g/Kw.h (at 1500RPM)         Starter motor       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Model       CSF         Prime power/speed       590KW         Standby power/speed       590KW         Starter motor       DC 24V         Alternator       DC 24V         Starter motor       S90KW         Stand			
Engine Specifications         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 nm         Displacement (Liter)       18.1L         Compression Ratio       14.5:1         Prime power/speed       565KW / 1500rpm         Standby power/speed       609KW / 1500rpm         Cooling system       Forced Water Cooling Cycle         Stardy speed droop (%)       51%         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         Model       CSF         Prime power/speed <t< td=""><td colspan="2"></td><td></td></t<>			
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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         Standby 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         Alternator       DC 24V         Alternator       DC 24V         Model       C5F         Prime power/speed       590KW         Standby power/speed       590KW         Standby power/speed       536KW         Connecting Type       3 Phase and 4 Wires, "Y" type connec			
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       14.5.11         Prime power/speed       565KW / 1500rpm         Standby power/speed       609KW / 1500rpm         Speed governor       Electrical         Cooling system       Forced Water Cooling Cycle         Standby power/speed droop (%)       51%         Total lubrication system capacity (L)       61L         Coolant capacity (L)       61L         Fuel consumption at 100% load       202 g/Kw.h (at 1500RPM)         Starter motor       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Model       CSF         Prime power/speed       536KW         Connecting Type       3 Phase and 4 Wires, "Y" type connecting         Efficiency (%)       94.9%			
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 (%)       51%         Total lubrication system capacity (L)       61L         Coolant capacity (L)       61L         Coolant capacity (L)       61L         Fuel consumption at 100% load       202 g/Kw.h (at 1500RPM)         Starter motor       DC 24V         Alternator       DC 24V         Alternator       DC 24V         Alternator Specifications :- GP/STAMFORD/LEROY SOMER       590KW         Standby power/speed       536KW         Connecting Type       3 Phase and 4 Wires, "Y" type connecting Efficiency (%)			
Cycle4 strokeAspirationturbocharged, air-air charge cooledBore Stroke (mm mm)145 x 183 mmDisplacement (Liter)18.1LCompression Ratio14.5:1Prime power/speed565KW / 1500rpmStandby power/speed609KW / 1500rpmSpeed governorElectricalCooling systemForced Water Cooling CycleSteady speed droop (%)≤1%Total lubrication system capacity (L)62LCoolant capacity (L)61LFuel consumption at 100% load202 g/Kw.h (at 1500RPM)Starter motorDC 24VAlternatorDC 24VAlternator Specifications :- GP/STAMFORD/LEROY SOMERModelC5FPrime power/speed536KWConnecting Type3 Phase and 4 Wires, "Y" type connectingEfficiency (%)94,9%			
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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         Alternator Specifications :- GP/STAMFORD/LEROY SOMER       C5F         Prime power/speed       590KW         Standby power/speed       536KW         Connecting Type       3 Phase and 4 Wires, "Y" type connecting         Efficiency (%)       94,9%			
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         Alternator Specifications :- GP/STAMFORD/LEROY SOMER         Model       C5F         Prime power/speed       590KW         Standby power/speed       536KW         Connecting Type       3 Phase and 4 Wires, "Y" type connecting         Efficiency (%)       94,9%			*
Steady speed droop (%) $\leq 1\%$ Total lubrication system capacity (L) $62L$ Coolant capacity (L) $61L$ Fuel consumption at 100% load $202 g/Kw.h$ (at 1500RPM)Starter motorDC 24VAlternatorDC 24VAlternator Specifications :- GP/STAMFORD/LEROY SOMERModelC5FPrime power/speed590KWStandby power/speed536KWConnecting Type3 Phase and 4 Wires, "Y" type connectingEfficiency (%) $94,9\%$			
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Prime power/speed590KWStandby power/speed536KWConnecting Type3 Phase and 4 Wires, "Y" type connectingEfficiency (%)94,9%		AMFORD/LEROY SOMER	CSE
Standby power/speed     536KW       Connecting Type     3 Phase and 4 Wires, "Y" type connecting       Efficiency (%)     94,9%			
Connecting Type     3 Phase and 4 Wires, "Y" type connecting       Efficiency (%)     94,9%	Standby power/speed		
Efficiency (%)         94,9%           Rated speed         1500 RPM			3 Phase and 4 Wires, "Y" type connecting
Kated speed 1500 RPM	Efficiency (%)		,
	Rated frequency Phase		
Rated voltage 400 V			-
Exciter type Self excitation, Brushless			

	Sell excitation, Brushless
Power factor	0,8
Voltage adjust range	≥5%
Voltage regulation NL-FL	≤±1%
Insulation grade	Н
Protection grade	IP23

Optional			
Fuel System			
• 12 / 24 hour base tank (single wall			
<ul> <li>Dual wall base fuel tank</li> </ul>			
Outside fuel tank			
<ul> <li>Automatic fuel feeding</li> </ul>			
Fuel level indicate			
Canopy			
Hired type			
Economy Oil heater			
• Trailer			
start and stop generating sets that inclusion supply. when main is not available, I	ule based on micro-processor, It is an Auto Mains (Utility) Failure Control Module(AMF), have been designed to ude electronic And non-electronic engines. Include the additional capability of being able to monitor a mains (utility) t can automatically start the engine and close generating sets breaker automatically, Accurately measure various values and alarms information on the LCD. In additional, it can automatically open breaker, and shutdown the		
The control module display	Main Features		
Generator voltage	AMF and ATS and communication and expansion function		
Generator frequency	• Designed to work with electronic or non-electronic or gas engine simultaneously.		
Battery voltage	(support many kinds of engines ECU).		
• Engine speed	• Manual, Automatic, Test and remote control mode selectable.		
• Load current	• Monitoring and measuring operational parameters of the mains supply and genset.		
<ul> <li>Generator KVA, KW, PF</li> <li>Engine run-time Hours</li> </ul>	<ul> <li>Indicating operation status, fault conditions, all parameters and alarms</li> <li>Multiple protections and multiple parameters display.</li> </ul>		
Engine run-time riours     Engine oil pressure	<ul> <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> </ul>		
Engine colant temperature	<ul> <li>Can be programmed using the front panel or by using the PC software.</li> </ul>		
Real time clock for time and date,	• Support twelve languages. The language was edited by customer.		
overall runtime	• 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.		