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|  | PLUS POWER EQUIPMENT CO.,LTD. |
| | www.pluspowergenerator.com |
| Features | 100 KVA DIESEL GENERATOR SET |

- 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°C 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;



| GENERAL DATA | | ENGINE DATA | |
|-------------------------|------------------|-----------------------|--------------------------|
| Model: | PR110 | Brand: | RICARDO |
| Prime Power (P.R.P): | 100 kVA | Model: | 4RT55-88D |
| Stand-by Power (L.T.P): | 110 kVA | Type: | water cooled |
| Amps: | 144.3 | Starting System: | 24 Volt Electric Starter |
| Power Factor / COS: | 0.8 | Cylinder*Bore*Stroke: | 4*110*140mm |
| Frequency: | 50 Hz | Displacement: | 5.3L |
| Voltage: | 380-415 V | Compression Ratio: | |
| Phases: | 3 | Rated Power (kW/RPM): | 88/1500 |
| Size(L*W*H): | 2800*1100*1450mm | Fuel Type: | Diesel |
| Weight: | 1580kg's | Lube Oil: | 15W40 |
| Tank Capacity: | 176L | Lubrication: | 18L |
| Fuel Cons. @ 100% Load: | 23L/h | Coolant: | 16L |

Generator have Low engine oil pressure/High engine coolant temperature/Engine over or under speed/Alternator high or low voltage and etc protect system.

| ALTERNATOR | | CONTROL PANEL | |
|-------------------------|----------------------|----------------------|-----------------------|
| Model: | 274C | Model: | Smartgen 6120 |
| Excitation Mode: | Self Excitation | Type: | Digital Control Panel |
| Auto Voltage Regulator: | Constant voltage AVR | Analogue Inputs: | 2 |
| ISO9001 Certified: | Yes | Mains Phase Voltage: | Yes |
| CE Certified: | Yes | Mains Line Voltage: | Yes |

Alternator brand: PLUS POWER, Stamford, Leroysoner, etc.

Controller brand: PLUS POWER, Smartgen, DEIF, Deepsea, etc.

| Optional | | | |
|--------------------------|--------------------------------|----------------------------|---------------------------------------|
| Engine | Control System | Fuel System | Alternator |
| • Water Jacket Preheater | • AMF function | • 12/24 hour base tank | • PMG excitation |
| • Fuel-water separator | • Parallel operation | • Dual wall base fuel tank | • Space heater |
| • Oil pump | • Remote control | • Outside fuel tank | • Winding Temperature |
| • Oil preheater | • Automatic Transfer Switching | • Automatic fuel feeding | • Double-frequency and double voltage |
| • Battery preheater | | • Fuel level indicate | |

Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqv ISO8528), A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

Standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.