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|  | PLUS POWER EQUIPMENT CO.,LTD.  |
|  | <a href="http://www.pluspowergenerator.com">www.pluspowergenerator.com</a> |
| <b>Features</b>  | 70 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:                  | FW75             | Brand:                | FAWDE                    |
| Prime Power (P.R.P):    | 70 kVA           | Model:                | 4110/125Z-09D            |
| Stand-by Power (L.T.P): | 75 kVA           | Type:                 | water cooled             |
| Amps:                   | 101              | Starting System:      | 24 Volt Electric Starter |
| Power Factor / COS:     | 0.8              | Cylinder*Bore*Stroke: | 4*110*125mm              |
| Frequency:              | 50 Hz            | Displacement:         | 4.7L                     |
| Voltage:                | 380-415 V        | Compression Ratio:    |                          |
| Phases:                 | 3                | Rated Power (kW/RPM): | 65/1500                  |
| Size(L*W*H):            | 2690*1050*1300mm | Fuel Type:            | Diesel                   |
| Weight:                 | 1430kg's         | Lube Oil:             | 15W40                    |
| Tank Capacity:          | 130L             | Lubrication:          | 16L                      |
| Fuel Cons. @ 100% Load: | 16L/h            | Coolant:              | 15L                      |

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:                  | 224F                 | 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.