



GENERATORS

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Model: 30kVA 1 PHASE

POWER DATA

| Voltage | Prime Power | | Standby Power | | Standby AC Amps Per Phase | No. of Phase |
|---------|-------------|------|---------------|------|------------------------------|--------------|
| | kva | kw | kva | kw | | |
| 220V | 30.0 | 24.0 | 34.0 | 27.2 | 100.0 | 1 |

ENGINE DATA

| | | | |
|------------------------|--------------------------|--------------------------------|--------------|
| Manufacturer | R Series British Ricardo | Compression Ratio | 17.0:1 |
| Origin | British | Oil Capacity (L) | 11 |
| Model | K4100DS | Electrical System | 12V |
| Governor Type | Mechanical | Coolant Capacity (L) | 20 |
| Speed | 1500rpm | Fuel Consump. (100%load)(L/HR) | 7 |
| Prime Power (kw) | 30.1 | Fuel Tank Capacity (L) | 154 |
| Standby Power (kw) | 30.1 | Cooling | Water Cooled |
| Cylinder No. & Config. | 4 in Line | Aspiration | Natural |
| Bore x Stroke (mm) | 100 x 125 | Displacement (L) | 3.93 |

ALTERNATOR DATA

| | | | |
|----------------|----------|-------------------|----------------|
| Manufacturer | Stamford | Voltage (V) | 220 |
| Origin | U.S | Voltage Accuracy | ± 1% |
| Model | WHI-224C | Frequency | 50Hz |
| Capacity (kva) | 40.0kva | Insulation Class | H |
| Power Factor | 0.8 | Protection Rate | IP22 |
| Efficiency | 88% | Excitation System | Brushless, AVR |
| Bearing Number | Single | Connection Type | Star |
| Leads Number | 12 | | |

OVERALL DIMENSIONS & WEIGHT

| | |
|------------------------------|-------------------|
| Genset Size (mm) (L x W x H) | 2210 x 900 x 1230 |
| Net Weight (kg) | 1000 |



KEY FEATURES

1. Durable British Ricardo Engine
2. Single Bearing Stamford Type Alternator
3. ATS & AMF
4. Four Protection Device Equipped
5. Anti-Vibration Mountings
6. Main Line Circuit Breaker
7. Factory Test Certificate
8. Noise level @7m (db): 80

STANDARD CONTROL SYSTEM

The Standard control system is based on the advanced smartgen HGM6220 Electronic Digital Controller.

This Provides for the manual and automatic remot start of generator with a LCD digital display of:

1. Coolant Temperature
2. Oil Pressure
3. Volts, Amps, Power Factor & Frequency
4. Engine Operation Hours
5. Over Current Protection
6. Under, Over Volt Protection
7. Over Temperature Protection
8. Over Speed, Low Oil Pressure Protection

