



GENERATORS

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Model: 250kVA 3 PHASE

POWER DATA

| Voltage | Prime Power | | Standby Power | | Standby AC | No. of Phase |
|----------|-------------|-------|---------------|-------|----------------|--------------|
| | kva | kw | kva | kw | Amps Per Phase | |
| 220/380V | 250.0 | 200.0 | 275.0 | 220.0 | 417.8 | 3 |
| 230/400V | 250.0 | 200.0 | 275.0 | 220.0 | 382.6 | 3 |
| 240/415V | 250.0 | 200.0 | 275.0 | 220.0 | 369.9 | 3 |
| 254/440V | 250.0 | 200.0 | 275.0 | 220.0 | 360.9 | 3 |

ENGINE DATA

| | | | |
|------------------------|------------|--------------------------------|--------------|
| Manufacturer | SDEC | Compression Ratio | 16.5:1 |
| Model | SC9D340D2 | Oil Capacity (L) | 25.0 |
| Governor Type | Electronic | Electrical System | 24V |
| Speed | 1500rpm | Coolant Capacity (L) | 43.0 |
| Prime Power (kw) | 228.0 | Fuel Consump. (100%load)(L/HR) | 53.6 |
| Standby Power (kw) | 255.0 | Fuel Tank Capacity (L) | 580 |
| Cylinder No. & Config. | 6 in Line | Cooling | Water Cooled |
| Bore x Stroke | 114 x 144 | Aspiration | Turbo |
| | | Displacement | 8.820 |

ALTERNATOR DATA

| | | | |
|----------------|----------|-------------------|----------------|
| Manufacturer | LONGEN | Voltage (V) | 220/380 |
| Model | WHI274K | Voltage Accuracy | ± 1% |
| Capacity (kva) | 250.0kVA | Frequency | 50Hz |
| Power Factor | 0.8 | Insulation Class | H |
| Efficiency | 93% | Protection Rate | IP23 |
| Bearing Number | Single | Excitation System | Brushless, AVR |
| Leads Number | 12 | Connection Type | Star |

OVERALL DIMENSIONS & WEIGHT

| | |
|----------------------------------|--------------------|
| Genset Size (mm) (L x W x H) Net | 3500 x 1200 x 2040 |
| Weight (kg) | 2820 |



KEY FEATURES

1. Durable SDEC "D" Series Engine
2. Single Bearing Stamford Copy 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): 90

STANDARD CONTROL SYSTEM

The Standard control system is based on the advanced smartgen HGM7220 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

