

Model: 40kVA 3 PHASE

POWER DATA

| Voltage | Prime Power | | Standby Power | | Standby AC | No. of Phase |
|----------|-------------|----|---------------|------|----------------|--------------|
| | kva | kw | kva | kw | Amps Per Phase | |
| 220/380V | 40 | 32 | 44.0 | 35.2 | 66.8 | 3 |
| 230/400V | 40 | 32 | 44.0 | 35.2 | 63.5 | 3 |
| 240/415V | 40 | 32 | 44.0 | 35.2 | 61.2 | 3 |
| 254/440V | 40 | 32 | 44.0 | 35.2 | 57.7 | 3 |

ENGINE DATA

| | | | |
|------------------------|------------|--------------------------------|--------------|
| Manufacturer | XINCHAI | Compression Ratio | 18.5:1 |
| Model | A498BZD | Oil Capacity (L) | 6.5 |
| Governor Type | Mechanical | Electrical System | 12V |
| Speed | 1500rpm | Coolant Capacity (L) | 14.5 |
| Prime Power (kw) | 36 | Fuel Consump. (100%load)(L/HR) | 8.8 |
| Standby Power (kw) | 39.6 | Fuel Tank Capacity (L) | 144 |
| Cylinder No. & Config. | 4 in Line | Cooling | Water Cooled |
| Bore x Stroke | 98 x 105 | Aspiration | Turbo |
| Displacement | 3.2 | | |

ALTERNATOR DATA

| | | | |
|----------------|---------|-------------------|----------------|
| Manufacturer | LONGEN | Voltage (V) | 220/380 |
| Model | WHI224C | Voltage Accuracy | ± 1% |
| Capacity (kva) | 42.5 | Frequency | 50Hz |
| Power Factor | 0.8 | Insulation Class | H |
| Efficiency | 88% | Protection Rate | IP23 |
| Bearing Number | Single | Excitation System | Brushless, AVR |
| Leads Number | 12 | Connection Type | Y |

OVERALL DIMENSIONS & WEIGHT

| | |
|------------------------------|-------------------|
| Genset Size (mm) (L x W x H) | 2150 x 900 x 1250 |
| Net Weight (kg) | 980 |



KEY FEATURES

1. Durable XINCHAI 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 (Silent Type)

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

