

Model: 150kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	150.0	120.0	165.0	132.0	250.7	3
230/400V	150.0	120.0	165.0	132.0	238.2	3
240/415V	150.0	120.0	165.0	132.0	299.6	3
254/440V	150.0	120.0	165.0	132.0	216.5	3

ENGINE DATA

Manufacturer	YUCHAI	Compression Ratio	17.5:1
Model	YC6B205L-D20	Oil Capacity (L)	18.0
Governor Type	Electronic	Electrical System	24V
Speed	1500rpm	Coolant Capacity (L)	45.0
Prime Power (kw)	138.0	Fuel Consump. (100%load)(L/HR)	33.0
Standby Power (kw)	152.0	Fuel Tank Capacity (L)	410.0
Cylinder No. & Config.	6 in Line	Cooling	Water Cooled
		Aspiration	Turbo

ALTERNATOR DATA

Manufacturer	LONGEN	Voltage (V)	220/380
Model	WHI274F	Voltage Accuracy	± 1%
Capacity (kva)	160.0kVa	Frequency	50Hz
Power Factor	0.8	Insulation Class	H
Efficiency	92%	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	3200 x 1200 x 1950
Weight (kg)	2120



KEY FEATURES

1. Durable YUCHAI Series Engine
2. Single Bearing Stamford Copy 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

