



**CORE
MACHINERY**

80kW GENERATOR

Weichai Diesel Generator

Model: JWW80GF

PRIME POWER (50HZ)

80 kW
100 kVA

STANDBY POWER (50HZ)

88 kW
110 kVA

STANDARD FEATURES

4.1L Turbocharged Engine

Three Phase Output

Smartgen LCD Control Panel

24V Battery & Charging System

Main Line Circuit Breaker (MCCB)

Auto Start/Stop Function

Digital Monitoring & Alarms

Dry Type Air Filter

Complete Exhaust System

Oil & Fuel Filters

Shock Absorption Pads

12 Month Warranty

ENGINE SPECIFICATIONS

ENGINE MODEL

Weichai WP4.1D100E200

ENGINE TYPE

4 Cylinder, Turbocharged

DISPLACEMENT

4.1L

RATED SPEED

1500 RPM

BORE X STROKE

105 x 118 mm

COMPRESSION RATIO

17.5:1

FUEL CONSUMPTION (100% LOAD)

16 L/h

STARTING SYSTEM

Electric Start (24V)

OIL CAPACITY

100L

COOLING CAPACITY

25L

ALTERNATOR SPECIFICATIONS

MANUFACTURER
Weifang Junwei

ALTERNATOR CAPACITY
100kVA

POWER FACTOR
0.8

PHASE
3 Phase, 4 Wire

FREQUENCY
50Hz

EFFICIENCY
85%

EXCITER TYPE
Brushless, Self-Exciting

INSULATION CLASS
Class H

PROTECTION GRADE
IP23

VOLTAGE REGULATION
±1% (Steady State)

VOLTAGE RATINGS

VOLTAGE (V)	FREQUENCY (HZ)	PHASE	PRIME AMPS (A)	PRIME POWER
440V / 254V	50	3	131.2 A	80kW / 100 kVA
415V / 240V	50	3	139.2 A	80kW / 100 kVA
400V / 230V	50	3	144.3 A	80kW / 100 kVA
380V / 220V	50	3	151.9 A	80kW / 100 kVA

DIMENSIONS & WEIGHT

OPEN TYPE

Length x Width x Height **2000 x 945 x 1220 mm**

Weight **1250 kg**

SOUNDPROOF TYPE

Length x Width x Height **2400 x 950 x 1400 mm**

Weight **1550 kg**

AVAILABLE FOR HIRE OR PURCHASE

Nationwide UK Delivery | Competitive Pricing | No Hidden Costs