



XD Rental Range

XD60P2

The FG Wilson XD Rental Range offers a choice of robust, fuel efficient range of generator sets, specifically designed for rental applications, ranging from 20 – 250 kVA.

Key Features

Galvanised sound attenuated enclosure

Long lasting, hard wearing enclosure with excellent sound reduction for residential areas

Spark arresting silencer

Spark arresting silencer with raincap

Battery isolator

Allows battery connection to be severed when the generator set is not in use, avoiding unnecessary battery discharge

System 4 alternator

Reinforced alternator winding protection against moisture ingress

4001 Control panel

Custom built and housed at the rear of the canopy behind a protective, lockable door, with a perspex viewing window

Busbar and sockets

Power cubicle at rear of set with cable terminations and suitably rated CEE form socket outlets

4 Pole breaker with earth leakage protection

Accessible inside the power cubicle at the rear of the canopy. Suitably rated with thermal and magnetic overloads

Inspection hatch

Allows cleaning access to internal fuel tank

Fork pockets

Allows ease of movement when on site

Racor filter

Fuel / water separator filter is fitted as standard

3-Way fuel valve

Fuel feed and returns pass through 3-way valves to allow change over from the set base tank to an external bulk tank

Extended capacity, bunded base tank

Keeps all spillages contained inside the enclosure avoiding external site pollution

CE Socket Configuration

16A	2 x 1 phase
32A	2 x 3 phase + neutral
64A	-

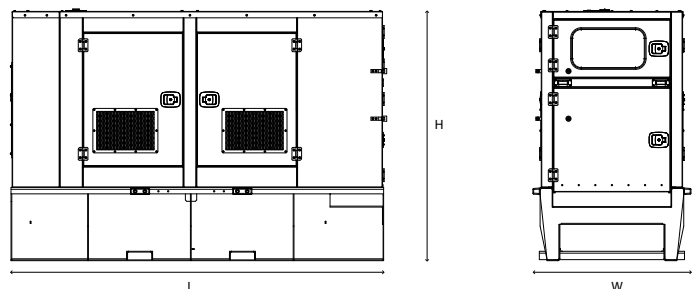
Output Ratings

Voltage, Frequency	Prime	
	kVA	kW
400V, 50 Hz	60.0	48.0
380/220V, 60 Hz	58.8	47.0

Ratings at 0.8 power factor

Dimensions and Weights

Length (L)	Width (W)	Height (H)	Dry	Wet
mm (in)	mm (in)	mm (in)	kg (lb)	kg (lb)
2924 (115.1)	1230 (48.4)	1955 (76.9)	2006 (4422)	2031 (4478)



Output Ratings		
Engine Make & Model	Perkins® 1104C-44TG2/3	
Alternator manufactured for FG Wilson by	Leroy Somer	
Alternator Model	LL1514P	
Control Panel	4001	
Base Frame	Heavy Duty Fabricated Steel	
Circuit Breaker Type	4 Pole MCCB	
Frequency	50 Hz	60 Hz
Engine Speed rpm	1500	1800

Engine Technical Data		
No. of Cylinders / Alignment	4 / In Line	
Cycle	4 Stroke	
Bore / Stroke: mm (in)	105.0 (4.1) / 127.0 (5.0)	
Cooling Type	Water	
Governing Type	Mechanical	
Governing Class	ISO 8528 G2	
Compression Ratio	18.2:1	
Displacement: L (cu.in)	4.4 (268.5)	

Performance	50 Hz	60 Hz
Gross Engine Power : kW (hp)	56.2 (75.0)	64.1 (86.0)
BMEP: kPa (psi)	1022 (148.2)	971 (140.9)
Regenerative Power: kW (hp)	-	-

Alternator Data	
No of Bearings:	1
Insulation Class:	H
Winding Pitch & Code:	2/3 - 6
Wires:	12
Ingress Protection Rating:	IP23
Excitation System:	SHUNT
AVR Model:	R220

Generator Set Technical Data		
	50 Hz	60 Hz
Power Rating kVA (kW)	60 (48)	58.8 (47)
Lubricating System		
Total Oil Capacity: L (US Gal)	8.0 (2.1)	
Oil Pan: L (US Gal)	7.0 (1.8)	
Oil Type	API CC / SE	
Fuel System		
Fuel Tank Capacity: L	497	
Generator Set Fuel Consumption		
100% Load: L/hr (US Gal/hr)	17.9 (4.7)	19.4 (5.1)
75% Load: L/hr (US Gal/hr)	13.7 (3.6)	15.1 (4.0)
50 % Load: L/hr (US Gal/hr)	9.4 (2.5)	10.8 (2.9)
Running Time		
At 100% load: hrs	27.8	25.6
Cooling System		
Cooling / Radiator System Capacity: L (US Gal)	12.6 (3.3)	12.6 (3.3)
Heat Rejected to Coolant at Rated Power: kW (Btu/min)	38.0 (2161)	43.0 (2445)
Air Systems		
Combustion Air Flow: m ³ /min (cfm)	4.3 (153)	5.3 (186)
Radiator Air Flow: m ³ /min (cfm)	67.2 (2373)	90.0 (3178)
Generator Air Flow: m ³ /min (cfm)	6.3 (222)	7.99 (282)
Sound Pressure Levels		
@ 7m : dBA	59.5	63.8
@ 1m : dBA	70.9	74

FG Wilson manufactures product in the following locations:

Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network. To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com.

FG Wilson is a trading name of Caterpillar (NI) Limited.

In line with our policy of continuous product development, we reserve the right to change specification without notice.

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