



Rental Range

# Rental Power



For over 40 years, FG Wilson has been a major global player and world leader in the provision of power generation solutions ensuring power is provided whenever and wherever it is required.

The FG Wilson rental range offers a modern, robust range of generating sets, specifically designed for rental applications, ranging from 20 – 1250 kVA.

The rental range of generating sets are used by worldwide rental fleet owners in a variety of applications where temporary power needs exist including telecommunications, manufacturing, events and construction.

Rental generating sets are fuel efficient, easy to operate and robust to meet the rigorous requirements of customer's temporary power needs. Galvanised, sound attenuated enclosures have excellent noise reduction for residential areas, are long lasting and hardwearing to withstand the harshest on-site conditions.

Additional features on the rental range include an extended capacity fuel tank that is fully bunded to contain all spillages and an easily accessible control panel incorporating metering and shutdown protections.

Power Modules up to 1250 kVA can be customised to meet rental customer's exact requirements.

Explore the FG Wilson rental range of generating sets . . .



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## Meeting Rental Power needs around the world

- 1 Powering stage lighting and service facilities at World Youth Day, Sydney, Australia
- 2 Continuous backup power for the construction of a power plant in Pompeu, Brazil
- 3 Powering essential services for the winning Toro Rosso – Ferrari Team at Formula 1 Grand Prix, Monza, Italy
- 4 Supplying power to Brazil's most popular TV channel, Globo TV, for the live transmission of a soccer game between Brazil and Portugal
- 5 Temporary power for equipment at a construction site in Larne, Northern Ireland
- 6 Powering the world's largest Christmas tree in Rio de Janeiro, Brazil
- 7 Supplying power to aid disaster relief after severe flooding in Boscastle, Cornwall, England
- 8 Temporary power for service facilities and back-up power at the International Horse Show, Belfast, Northern Ireland
- 9 Supplying power for stage lighting at the Wales GB World Rally Championships opening ceremony, Cardiff, Wales

# Customised Rental Power Units



## 1 Secure Mini Container

- Our secure 10 ft mini container provides a fully enclosed, weatherproof Perkins powered generator – ideal for noise sensitive locations, the average noise level is 70 dBA at 1 meter
- The mini containers offer extra security, safety, ease of installation and transportability
- 1350 litre bulk fuel tank included within container – sized for 1 week continuous operation (8 hrs per day)
- Full width rear entry doors for access and generating set/fuel tank removal. Galvanised container door gear and safety proof locking mechanism offers added security
- Bunded enclosure floor to contain complete fluid spillage and avoid site pollution
- 10 ft ISO container, CSC plated corner castings and fork lift pockets as standard features

## 3 Model XD20P4

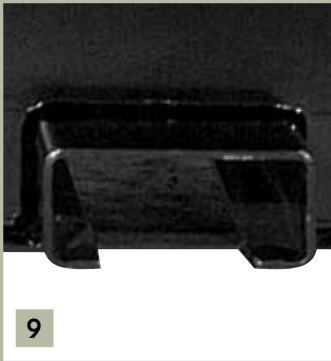
- 20 kVA rental package with switchable output via single phase / 3 phase rotary switch
- 13 kVA single phase rating
- Power connections through single phase 63 amp and 3 phase 32 amp CEE form socket outlets – each individually protected by MCCB and RCD
- Fully bunded baseframe with fork lift pockets
- Galvanised steel canopy and class 4 alternator for added protection in rental applications

## 2 Rental Power Modules

- Rental Power Modules from 635-2000 kVA are completely self-contained in sound attenuated 20, 30 and 40 ft ISO containers
- The power module design includes a separate radiator cubicle to improve noise level and cooling performance
- A wide range of control panel options allow for multiple applications
- Excellent sound attenuation and fluid spill containment provide a generator package capable of operating in environmentally sensitive areas
- Easily accessible fuel lines fitted with quick release fittings

## 4 XD350 – XD500 Range

- Extremely robust rental design for genset range 350 – 500 kVA, using Perkins 2206 and 2506 engines
- Generating set housed in galvanised sound attenuated canopy with noise levels significantly lower than EC noise directives (<75 dBA @ 1 meter)
- Range of control panel options including 'no break' utility back sync option
- Internal silencer (spark arresting type)
- Fully bunded integral fuel tank for 12 hour operation on 100% load
- Baseframe incorporates fork lift pockets. A centre point lifting arrangement is also included



## Explore the XD Rental Range . . .

- 1 Galvanised sound attenuated enclosure**  
Long lasting, hard wearing enclosure with excellent sound reduction for residential areas
- 2 Spark arresting silencer**  
Spark arresting silencer with raincap
- 3 Battery isolator**  
Allows battery connection to be severed when the generating set is not in use, avoiding unnecessary battery discharge
- 4 System 4 alternator**  
Reinforced alternator winding protection against water ingress
- 5 4001 Control panel**  
Custom built and housed at the rear of the canopy behind a protective, lockable door, with a perspex viewing window
- 6 Busbar and sockets**  
Power cubicle at rear of set with cable terminations and suitably rated CEE form socket outlets
- 7 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
- 8 Inspection hatch**  
Allows cleaning access to internal fuel tank
- 9 Fork pockets**  
Allowing ease of movement when on site
- 10 Racor filter**  
Fuel / water separator filter is fitted as standard
- 11 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
- 12 Extended capacity, bunded base tank**  
Keeps all spillages contained inside the enclosure avoiding external site pollution

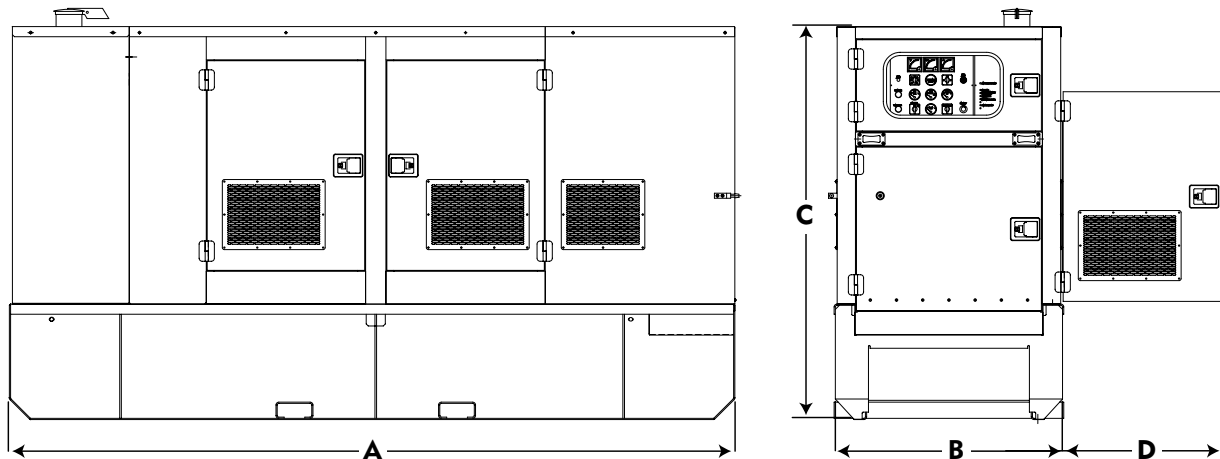
# Technical Data

Model	kVA (kW)	Engine	Alternator	Sound Levels		Fuel Tank Capacity	Consumption		Running Time (hrs)	
				LWA	dBA @ 7m		l/hr (US gal/hr)	50 Hz	60 Hz	50 Hz
XD20P4	20 (16.0)	404D-22G	LL1014N	89	64.3	45 (12.0)	5.3 (1.4)	-	7.6	-
XD30P2*	30 (24.0)	1103C-33G2/3	LL2014B	86	61.7	147 (39.0)	7.4 (2.0)	9.0 (2.4)	18	15
XD60P2*	60 (48.0)	1104C-44TG2/3	LL2014H	87	59.5	569 (150)	14.3 (3.8)	15.9 (4.2)	36	32
XD80P2	80 (64.0)	1104C-44TAG1	LL2014L	93	64.7	631 (167)	18.1 (4.8)	20.2 (5.3)	31	28
XD100P2	100 (80.0)	1104C-44TAG2	LL3014B	96	66.7	631 (167)	21.9 (5.8)	24.7 (6.5)	26	23
XD150P2	150 (120)	1106C E66TAG3	LL3014H	96	67.2	822 (217)	32.5 (8.6)	37.1 (9.8)	23	20
XD200P2	200 (160)	1306C-E87TAG4	LL5014H	96	69.5	1004 (265)	45.8 (12.1)	54.4 (14.4)	20	17
XD250P2	250 (200)	1306C-E87TAG6	LL5014J	97	68.4	1004 (265)	60.0 (15.9)	-	15	-

\*Electronic governor required for operation at 60 Hz.

## Options

- CE Certification
- Battery charger
- Lube oil drain pump
- Electronic governor (XD30P2 & XD60P2)
- Engine water heaters
- Low fuel level shutdown



## Dimensions and Weights

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D: mm (in)*	Weight†: kg (lb)
XD20P4	1684 (66.3)	860 (33.9)	1252 (49.3)	880 (34.6)	719 (1585)
XD30P2	2288 (90.1)	1130 (44.5)	1660 (65.4)	677 (26.7)	1711 (3772)
XD60P2	2900 (114.2)	1130 (44.5)	1940 (76.4)	777 (30.6)	2103 (4636)
XD80P2	3280 (129.1)	1130 (44.5)	2060 (81.1)**	782 (30.8)	2307 (5086)
XD100P2	3280 (129.1)	1130 (44.5)	2060 (81.1)**	782 (30.8)	2400 (5291)
XD150P2	3558 (140.1)	1130 (44.5)	1943 (76.5)	782 (30.8)	2601 (5734)
XD200P2	4150 (163.4)	1395 (54.9)	2140 (84.3)	775 (30.5)	3899 (8596)
XD250P2	4150 (163.4)	1395 (54.9)	2140 (84.3)	775 (30.5)	4059 (8949)

\*Clearance required both sides. †Weights are given with oil and coolant, excluding fuel. \*\*Height measurement includes stub pipe with rain cap.



**FG Wilson has manufacturing facilities 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](http://www.FGWilson.com)

