

power made simple



www.FGWilson.com



8.5 – 290 kVA RANGE
Performance | Durability | Serviceability

Modern life is complicated but ensuring your power supply can be simple with FG Wilson.

Our latest product range from 8.5 – 290 kVA provides uncomplicated power assurance with the quality excellence you've come to expect from FG Wilson. Choosing this range also means you are choosing superior availability and expert local support.

power made simple





Open Set Range

Utilising the proven and trusted FG Wilson generator set design, the 8.5 – 290 kVA range provides power that is uncompromising on quality with the introduction of FG Wilson engines and a simplified choice of options.



The FG Wilson engines provide reliable power suitable for non-regulated markets or non-mobile applications. Combined with the FG Wilson / Marelli alternator, providing coastal insulation protection and a RFI filter as standard, a trusted performance is guaranteed.



Cable access is gained directly underneath the control panel for ease of installation with the control panel tower providing full access to all components and wiring.



Designed for 8 hours running at full load in prime applications, the compact base frame provides lifting points as standard, aiding transportation and installation.



Servicing and maintenance is fast and efficient with easily accessible components. Oil and coolant drains provide convenient service accessibility while the fuel fill and gauge are positioned together for easy fill and monitoring.



The base frame provides a solid foundation within a compact footprint. Constructed from high-grade, heavy-duty steel and further protected by powder coat paint, durability and maximum corrosion resistance are ensured.



The robust steel enclosure structure is protected by advanced powder coat paint and can be further protected with the galvanised steel option if desired. Installation and servicing is quick and easy with side hinged doors and lift-off end panels providing optimal access, complemented by easily accessible fuel transfer connection points.

Enclosed Set Range

The CAL and CALG enclosures ensure a high quality generator set with sound attenuation and protection suitable for a diverse range of applications. The strong, clean design of the enclosure is available in either mild or galvanised steel, allowing you to customise the range to suit your needs.



Side hinged doors, on each side of the enclosure, provide ample access to all necessary components during installation and servicing. Lift-off hinges enable the doors to be removed at an angle of 90°, facilitating easy servicing in confined installation spaces.



Robust, lockable latches ensure a flush door seal with the enclosure frame helping to prevent water ingress whilst also protecting your investment against vandalism and theft.



Generator set running conditions can be easily monitored via the large viewing window with the emergency stop button conveniently located beside the control panel on the outside of the enclosure. Cable access is gained directly underneath the control panel via the end of the base frame.



Unique modular air handling units, manufactured from a high-grade composite material, offer optimum corrosion resistance whilst contributing to a reduction in noise output.

power made simple...



...at Home



...in Industry



...in Retail



...in Transportation

FG Wilson DCP-10

The FG Wilson DCP-10 digital auto start control panel offers simple, intuitive control of your generator set and is suitable for use in mains failure applications in conjunction with an automatic transfer panel. Key information including diagnostics is displayed via the LCD screen and LEDs using universally recognised symbols.



Features

- Engine & AC monitoring
- Run / Auto keys with LED indicators
- Spare Digital Input / Output channels
- Active Voltage sender functionality
- Configuration of parameters by front panel push buttons or by PC via mini USB interface
- True RMS Voltage Sensing
- Under / Over voltage protection

Benefits

- Automatic start control module
- Integrated metering & controls
- Monitoring, protection, operational status, fault conditions and metering displayed via LCD & LEDs
- Configuration of parameters via licence free software
- Robust electronics package
- Symbols for simple, intuitive control



Technical Data

8.5 – 290 kVA Range

8.5 – 290 kVA MODELS										
50 Hz							60 Hz			
Model	Engine	Alternator	Prime		Standby		Prime		Standby	
			kVA	kW	kVA	kW	kVA	kW	kVA	kW
F9.5-1	FD3-1.4A1	EG160-8N	8.5	6.8	9.5	7.6	11.0	8.8	12.0	9.6
F17.5-1	FD4-1.8A1	EG160-14N	16.0	12.8	17.5	14.0	19.0	15.2	21.0	16.8
F22-1	FD4-2.5A1	EG160-16N	20.0	16.0	22.0	17.6	24.0	19.2	26.5	21.2
F35-1	FD4-3.9A1	MJB 160 MB4	32.0	25.6	35.0	28.0	35.0	28.0	38.8	31.0
F50-1	FD4-5.0A1	MJB 200 SB4	44.6	35.7	49.8	39.8	52.5	42.0	57.5	46.0
F72-1	FD4-4.6A1	MJB 200 MB4	65.0	52.0	72.0	57.6	70.0	56.0	77.5	62.0
F125-1	FD6-6.5A1	MJB 225 LA4	115.0	92.0	125.0	100.0	125.0	100.0	137.5	110.0
F275-1	FD6-10.3A1	EG280L-200N	250.0	200.0	275.0	220.0	-	-	-	-
F290-1	FD6-10.3A2	EG280L-180N	-	-	-	-	262.5	210.0	290.0	232.0

Ratings are based on maximum generator set output – this may vary depending on voltage code selected.

DIMENSIONS								
Open Set					Enclosed Set			
Model	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
F9.5-1	1475	639	1053	367	1864	898	1349	554
F17.5-1	1695	622	1050	454	1864	898	1349	650
F22-1	1695	622	1070	490	1864	898	1349	682
F35-1	1680	760	1273	724	2291	1026	1426	914
F50-1	1870	840	1482	888	2291	1126	1526	1100
F72-1	1870	840	1482	968	2291	1126	1526	1180
F125-1	2450	1010	1645	1490	3511	1126	1681	1812
F275-1	2970	1130	1744	2300	4516	1310	2096	2799
F290-1	2970	1130	1744	2315	4516	1310	2096	2814

Standard and Optional Features

8.5 – 290 kVA Range

STANDARD FEATURES

Electronic governor

Engine-mounted battery charging alternator

Low oil pressure protection

High water temperature protection

Air filter

Alternator with IP21/IP23 protection

Coastal insulation protection and RFI filter

Automatic voltage regulator

Robust steel constructed base frame

8 hr fuel tank

Base frame lifting points

Lube oil and coolant drains

Customer connection fuel sockets

DCP-10 auto start control panel

3-POLE circuit breaker

Exhaust stub pipe and gasket

Radiator fan and charging alternator guards

50% antifreeze (protection to -36°C)

Battery connection cables, tray and clamp

OPTIONAL FEATURES

Sound attenuated CAL mild steel enclosure

Sound attenuated CALG galvanised enclosure

CE Certification*

Neutral earth link

Lead acid dry battery

Industrial silencer (10 dBA reduction)

Coolant heater

Fuel level switch

Low fuel level shutdown

Low fuel level alarm

High fuel level alarm

Anti-condensation heater and panel circuitry

Earth fault

Earth leakage

Overload via alarm switch on breaker

Static battery charger for lead acid battery

4-POLE circuit breaker

*Model dependent

ONE Global Standard

FG Wilson has built its reputation on providing you with reliable, fuel-efficient diesel and gas generator sets.

Our ONE Global Quality Standard ensures that every FG Wilson generator set is designed and manufactured to the highest UK standards. With world-class production processes replicated at all our manufacturing facilities, each achieving ISO 9001 and ISO 14001 certification, we deliver a quality product every time.

With worldwide logistics that span the globe, and a distribution network of 370 Dealers in over 150 countries, we provide reliable power and ongoing support when and where you need it.



Production line, China.



Engineering Centre of Excellence, Northern Ireland.





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