

DESIGNED TO DELIVER MORE

Performance | Durability | Serviceability



THE 32 – 200 KVA RANGE

The new 32 – 200 kVA range
...Designed to Deliver More.





We understand the unique needs of generator set customers around the world. Forty seven years experience combined with the latest technology and a focus on engineering excellence has driven the development of the class leading product line we offer today.

We have a reputation for quality within our already successful 32 – 200 kVA power range. Our redesigned range confirms our position as a global leader in the design and manufacture of generator sets and demonstrates our commitment to continuous product improvement. Our latest product development sees us introduce bold new enhancements. Every single model in the new range has been Designed to Deliver More... offering improved performance, durability and serviceability. The new 32 – 200 kVA range offers you outstanding value for money and in turn guarantees maximum efficiency and productivity.

Designed to Deliver More, this exciting product redesign deserves a closer look...

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DELIVER MORE**
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Open Set Range

A series of subtle yet significant enhancements have been introduced to the 32 – 200 kVA open generator set range, most notably a common sense component arrangement, facilitating greater operator access and service. This range continues to employ the power and efficiency delivered by the world-renowned Perkins engines.



The mounting arrangement now sees the most frequently serviced parts mounted on the same side of the generator set and incorporates grouped fuel connections. This arrangement is conducive to minimal maintenance times and maximum generator set operation and up time.



A wide fuel fill neck on the base frame allows easy access and fill by the operator, avoiding spills. The fuel tank is designed for 8 hours running at full load in prime applications.



The control panel tower mounted on the side of the generator set, encompasses a full-height door allowing total access to all components and wiring.



Drag points on the base frame ease transportation and reduce the risk of damage during forklift and other handling.



A robustly constructed base frame, paint-coated using advanced processes, offers optimum corrosion resistance. Combined with other enhancements, improvements to generator set performance, durability and serviceability are guaranteed.



A galvanised steel construction, an advanced powder coat paint process and features offering protection against handling damage as standard make our enclosure range the most robust in its class. A base frame which extends beyond the enclosure reduces handling damage, whilst side-hinged doors enhance maintenance access and hook latches ensure operator safety by preventing unintended closure. Access for radiator cleaning and maintenance is through easily removed end panels.

32 – 200 kVA Enclosed Range

The 32 – 200 kVA enclosed set range has evolved to new levels of quality with a fresh design that lends itself to optimum performance, durability and serviceability...allowing it to meet the challenges of diverse applications. Performance enhancements span the areas of robustness, cooling, noise, water ingress and a lot more...



Lift-off hinges allow doors to be totally removed, even at an angle of 45°, facilitating service in the most confined installation spaces. Side-hinged doors on each side of the enclosure allow access to the control panel whilst the generator set is running.



A robust, single piece main roof incorporates, flush-mounted rain caps with compression seals, allowing access to the radiator fill and single point lift whilst providing unrivalled protection against water ingress.



The redesign incorporates unique modular air handling units that contribute to significant reduction in noise output. Corner posts, manufactured from a high-grade composite material, offer optimum corrosion resistance and provide excellent protection against damage during handling and transportation. Similarly, the unique modular air-handling units offer optimum corrosion resistance, whilst adding to the enclosure's strong, stylish design.



A removable gland plate offers ample cable access for a bend radius of 8 times the outside diameter of single core cable (up to 300 mm diameter), whilst preventing rodent access.

Rating Summary

SINGLE PHASE MODELS

32 – 50 kVA MODELS														
			50 Hz				60 Hz							
Model	Engine	Alternator	Prime		Standby		Prime		Standby		Dimensions			
			kVA	kW	kVA	kW	kVA	kW	kVA	kW	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P35-3S*	1104A-44G	LL2014H	32.0	32.0	35.0	35.0	36.0	36.0	40.0	40.0	1925	1120	1361	1023
P40-1S	1103A-33TG1	LLB1514P	36.0	36.0	40.0	40.0	40.0	40.0	45.0	45.0	1925	1120	1361	887
P50-1S	1103A-33TG2	LL2014J	45.0	45.0	50.0	50.0	50.0	50.0	55.0	55.0	1925	1120	1361	1020
P50-3S*	1104A-44TG1	LL2014J	45.0	45.0	50.0	50.0	50.0	50.0	55.0	55.0	1925	1120	1361	1098

3-PHASE MODELS

40 – 200 kVA MODELS														
			50 Hz				60 Hz							
Model	Engine	Alternator	Prime		Standby		Prime		Standby		Dimensions			
			kVA	kW	kVA	kW	kVA	kW	kVA	kW	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
P44-1*	1104A-44G	LL2014C	40.0	32.0	44.0	35.2	45.0	36.0	50.0	40.0	1925	1120	1361	973
P50-1	1103A-33TG1	LL1514L	45.0	36.0	50.0	40.0	50.0	40.0	56.3	45.0	1925	1120	1361	871
P55-1	1103A-33TG2	LL1514N	50.0	40.0	55.0	44.0	56.3	45.0	62.5	50.0	1925	1120	1361	876
P65-1	1103A-33TG2	LL1514P	60.0	48.0	65.0	52.0	68.8	55.0	75.0	60.0	1925	1120	1361	887
P65-3*	1104A-44TG1	LL2014H	60.0	48.0	65.0	52.0	68.8	55.0	75.0	60.0	1925	1120	1361	1058
P88-1	1104A-44TG2	LL2014J	80.0	64.0	88.0	70.4	90.0	72.0	100.0	80.0	1925	1120	1361	1120
P110-2	1104C-44TAG2	LL3014B	100.0	80.0	110.0	88.0	113.0	90.4	125.0	100.0	2089	1120	1367	1200
P150-1	1006TAG	LL3014F	135.0	108.0	150.0	120.0	150.0	120.0	165.0	132.0	2500	1120	1470	1640
P200-2	1106C-E66TAG4	LL5014D	180.0	144.0	200.0	160.0	196.9	157.5	218.8	175.0	2500	1320	1626	1758

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

* Domestic market only

Standard and Optional Features

STANDARD FEATURES

Robust steel constructed base frame	IP23 Protection for alternator	Lube oil drain valve
8 hr fuel tank	Fully adjustable electronic governor*	Coolant drain valve
50% antifreeze (Protection to -36°C)	Engine-mounted battery charging alternator	Battery connection cables, tray and clamp
3-POLE circuit breaker	Engine-mounted fuel/water separator	1002T / PowerWizard 1.1 control panel (Model dependant)

OPTIONAL FEATURES

Sound attenuated EC enclosure	Bunded base tank (12 hr, DEFRA)	Low fuel level shutdown
Compact base frame (available on P200-2 open sets only)	Static battery charger	Low fuel level alarm
Control panel upgrades available	Remote fuel system connection	High fuel level alarm
Automatic transfer switches	Manual fuel pump	Low coolant temperature alarm
Industrial silencer (10 dB)	Lube oil drain pump	Low coolant level shutdown
Residential silencer (25 dB)	Electronic governor*	Anticondensation heater for alternator
Critical silencer (35 dB)	Permanent magnet excitation system and upgraded AVR options	Coolant heater
Silencer installation kit	Lube oil temperature shutdown	Combined stoneguard and transition flange
1002T control panel	Single point lift	Battery
PowerWizard 1.1+ / 2.1 control panel		

* – Electronic governor standard on: P110-2, P150-1, P200-2,

RENTAL OPTIONS

Rental pack:

3 way fuel valves
Fuel/water separators
Battery isolator switch
Breaker terminal extensions
Base feet

Generator Set Operation and Control

Accompanying the new 32 – 200 kVA product range is a new suite of control panels. From the 1002T analogue panel to the PowerWizard range of digital control panels, Fg Wilson brings you choice and flexibility as standard.



1002T

The 1002T control panel is equipped with all the necessary generator set instrumentation and protection devices, whilst providing the straight-forward functionality and reliability of a key-start panel.



PowerWizard Range

Our PowerWizard range of digital control panels combine straight-forward menu navigation with advanced metering and protection technology.

These panels allow easy generator set monitoring and control, whilst ensuring your unit operates within safe parameters and provides important diagnostic information when needed.

PowerWizard panels 1.1+ and 2.1 are optional on all models.

Control panel – generator set model configuration

Generator Set Model	1002T	PW 1.1
Single Phase		
P35-3S	●	○
P40-1S	●	○
P50-1S	●	○
P50-3S	●	○
Three Phase		
P44-1*	●	○
P50-1	●	○
P55-1	●	○
P65-1	●	○
P65-3*	●	○
P88-1	●	○
P110-2	-	●
P150-1	-	●
P200-2	-	●

● – Standard ○ – Optional

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.



