

MORE THAN JUST POWER...



**FG WILSON INDIA**

10 – 200 KVA PRODUCT RANGE



## FG WILSON

FG Wilson generator sets are trusted to provide power in over 150 countries around the world providing essential power to critical applications such as hospitals, airports, data centres, telecommunication networks as well as residential properties and factories.

Founded in Belfast, United Kingdom in 1966, FG Wilson quickly grew to become the largest generator set manufacturer in Europe.

With manufacturing facilities in the United Kingdom, United States of America, Brazil, India and China, FG Wilson has the capacity to produce over 130,000 generator sets per annum.

Our world leading reputation in power generation is not something we take for granted. With continuous investment in our facilities and production capabilities, combined with a search for engineering excellence in all we do, we truly believe we are best placed to deliver your power, when and where you need it.

## UNDERSTANDING CUSTOMER NEEDS

At FG Wilson, we understand the unique needs of generator set customers around the world and we are committed to ensuring you receive the right product to support your power requirements.

Our product range designed exclusively for the Indian market is available from 10 – 200 kVA. Designed to meet local legislative requirements for both emissions and noise levels, the range provides outstanding value for money, guaranteeing maximum efficiency and productivity.

Even after installation, your local FG Wilson Dealer will always be on hand for any ongoing support.



## SUPERIOR PRODUCT SUPPORT

FG Wilson provide a One-Stop-Shop for all your power needs. Together with our Dealers, we provide the highest levels of support to each customer – before, during and after each power installation, no matter how complex.

From Product Training and Technical Support, to Maintenance and Service Support, through to supplying Genuine Parts, FG Wilson Dealer Service Teams are there when you need them, whatever the conditions.

All FG Wilson generator sets are supported by the FG Wilson global warranty programme providing your customers with peace of mind.



## Genuine Parts

### FG WILSON GENUINE PARTS

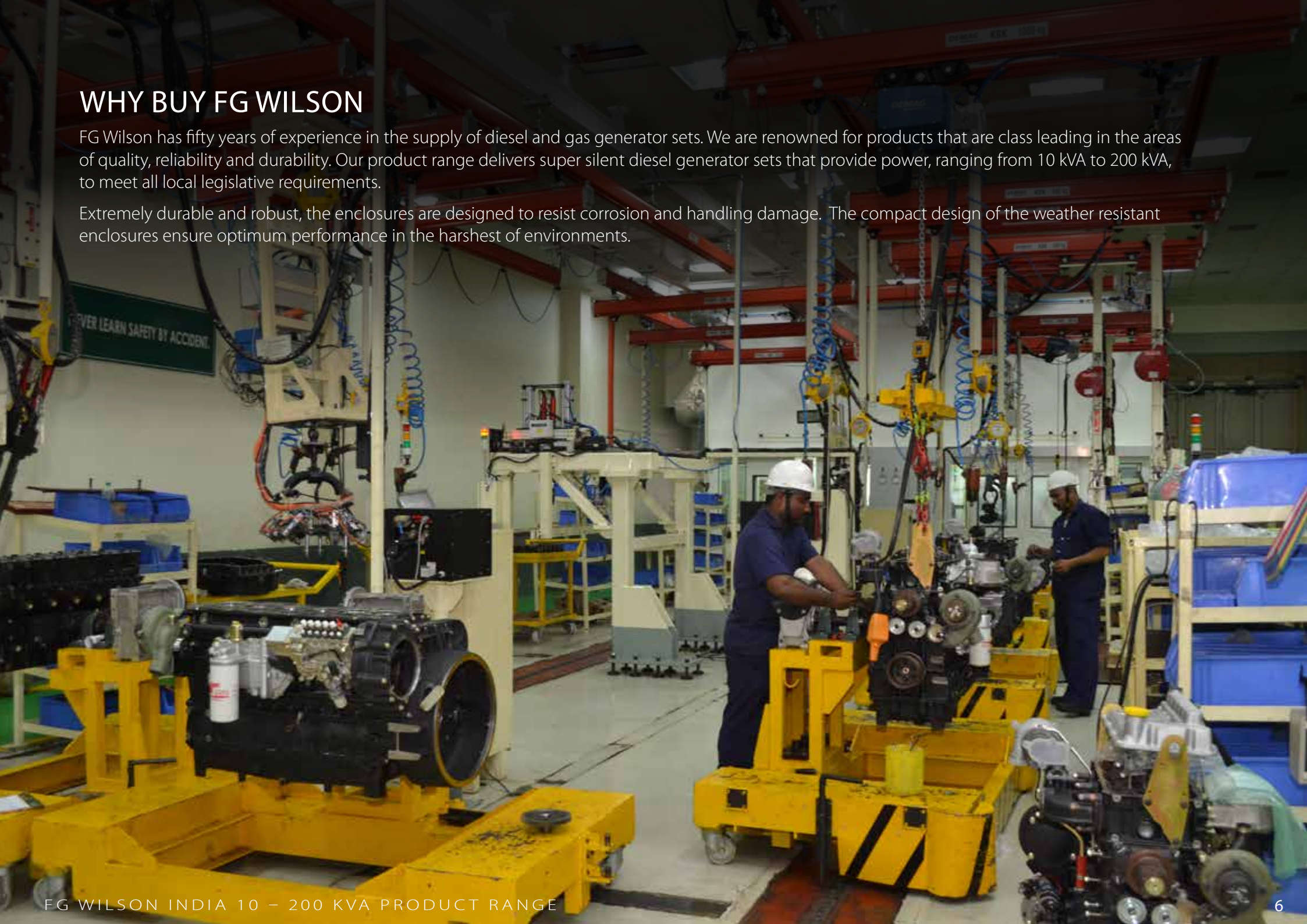
Fast and easy access to FG Wilson Genuine Parts, as part of our after-sales service, is crucial to ensure you are never without power. With over 90% of serviceable parts stocked locally via your local Dealer and Indian Distribution Centres, combined with state-of-the-art parts identification and ordering software, superior parts availability is guaranteed.

FG Wilson Genuine Parts are designed to complement the other components of your generator set, optimising product performance, fuel efficiency and generator set life span – making your investment go further.

## WHY BUY FG WILSON

FG Wilson has fifty years of experience in the supply of diesel and gas generator sets. We are renowned for products that are class leading in the areas of quality, reliability and durability. Our product range delivers super silent diesel generator sets that provide power, ranging from 10 kVA to 200 kVA, to meet all local legislative requirements.

Extremely durable and robust, the enclosures are designed to resist corrosion and handling damage. The compact design of the weather resistant enclosures ensure optimum performance in the harshest of environments.



**Super silent**

**Trusted performance**

**Genuine parts support**

Integral fuel tank and silencer

Fuel efficient

**FG Wilson warranty**

**<75 dBA at 1m**

**Economic**

7000 Hours B10 life

Suitable for outdoor installation

**Designed exclusively for the Indian market**



**One-stop-shop**

Weather resistant

Easy access and serviceability

**CPCBII compliant**

Compact

Lube oil consumption of 0.1%

**Diesel generator sets**

**500 Hour service interval**

Durable and Robust

# SINGLE PHASE

50 HZ – 230V – 1.0 POWER FACTOR



## Generator Set Technical Data

Generator Set Model	FB10-2S	FB15-2S	FB20-2S	FB25-2S	FB30-2S
RPM	1500	1500	3000	3000	3000
Power Rating (kVA)	10	15	20	25	30
Canopy Length (mm)	1911	1911	1950	1950	1950
Canopy Width (mm)	836	836	950	950	950
Canopy Height (mm)	1194	1194	2076	2076	2076
Fuel Consumption @ 100% Load (l/hr)	2.89	3.88	5.54	6.93	8.34

## Alternator Technical Data

Generator Set Model	FB10-2S	FB15-2S	FB20-2S	FB25-2S	FB30-2S
Alternator Model	ECP 3-3L/4	ECP28 1.5L/4 A	ECP 28-3L/2A	ECP 28-VL/2 A	ECP 32-3S/2
Excitation System	Brushless	Brushless	Brushless	Brushless	Brushless
Current Amps (a)	43.5	65.2	87	108.7	130.4
No. of Bearings	1	1	1	1	1
Voltage Regulation	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Ingress Protection	IP23	IP23	IP23	IP23	IP23
Insulation Class	H	H	H	H	H

## Engine Technical Data

Generator Set Model	FB10-2S	FB15-2S	FB20-2S	FB25-2S	FB30-2S
Engine Model	FBD2-1.2D2	FBD2-1.2D2	FBDH2-1.2D1	FBDH2-1.2D2	FBDH2-1.2D3
Rated Power (kW)	16.2	16.2	31.4	31.4	31.4
Aspiration	TCIC	TCIC	TCIC	TCIC	TCIC
Cooling Systems	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
Coolant Capacity (l)	5.5	5.5	5.5	5	5
Engine Speed (rpm)	1500	1500	3000	3000	3000
Governing	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous
No of Cylinders	2	2	2	2	2
Bore / Stroke (mm)	87 / 100	87 / 100	87 / 100	87 / 100	87 / 100
Displacement (l)	1.189	1.189	1.189	1.189	1.189
Compression Ratio	19 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1
Fuel Tank Capacity (l)	75	75	75	75	75
Fuel System / Type	CRDI / HSD	CRDI / HSD	CRDI / HSD	CRDI / HSD	CRDI / HSD
Lube Oil Spec	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4
Lube Oil Capacity (l)	4.5	4.5	4.5	4.5	4.5



# SINGLE PHASE

50 HZ – 230V – 1.0 POWER FACTOR



## Generator Set Options

Option	Description	FB10-2S	FB15-2S	FB20-2S	FB25-2S	FB30-2S
WH	Coolant Heater	○	○	○	○	○
PBCB	Static Battery Charger	○	○	○	○	○
AH1	Alternator Space Heater	○	○	○	○	○
KWH	kWH with CT's	○	○	○	○	○
ELCB	ELCB & Earth Fault Relays	○	○	○	○	○
GE9	Electronic Engine	●	●	●	●	●

## Control Panel Options

Option	Description	FB10-2S	FB15-2S	FB20-2S	FB25-2S	FB30-2S
STDP	Standard Control Panel	●	●	●	●	●
AMFB	AMF Panel with Double Breaker	○	○	○	○	○

● - Standard

○ - Optional

# THREE PHASE

50 HZ – 415/230V – 0.8 POWER FACTOR



## Generator Set Technical Data

Generator Set Model	FB10-2	FB15-2	FB18-2	FB20-2	FB25-2	FB30-2	FB37.5-2	FB50-2	FB62.5-2	FB82.5-2	FB100-2	FB125-2	FB160-2	FB180-2	FB200-2
RPM	1500	1500	1500	3000	3000	3000	3000	1500	1500	1500	1500	1500	1500	1500	1500
Power rating (kVA)	10	15	18	20	25	30	37.5	50	62.5	82.5	100	125	160	180	200
Canopy Length (mm)	1911	1911	1911	1950	1950	1950	1950	3200	3200	3200	3626	3626	4550	4550	4550
Canopy Width (mm)	836	836	836	950	950	950	950	1162	1162	1162	1126	1126	1460	1460	1460
Canopy Height (mm)	1190	1190	1190	2076	2076	2076	2076	1939	1939	1939	2074	2074	2130	2130	2130
Fuel Consumption @ 100% Load (l/hr)	2.9	3.9	5.1	5.5	6.9	8.3	10.6	11.7	14.1	18.8	21.3	26.4	33.8	38.1	45.9

## Alternator Technical Data

Generator Set Model	FB10-2	FB15-2	FB18-2	FB20-2	FB25-2	FB30-2	FB37.5-2	FB50-2	FB62.5-2	FB82.5-2	FB100-2	FB125-2	FB160-2	FB180-2	FB200-2
Alternator Model	ECP 3-1L/4	ECP 3-3L/4	ECP 28-M/4 A	ECP 28-2L/2	ECP 28-2L/2	ECP 28-3L/2	ECP 28-VL/2	G1R200SB	G1R200SC	G1R200MD	G1R250SB	G1R250SD	G1R250MB	G1R250LB	G1R250LD
Excitation System	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
Current amps (a)	13.9	20.9	25	27.8	34.8	41.7	52.2	69.6	87	114.8	139	174	222.4	250.4	278.2
No. of Bearings	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Voltage Regulation	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Ingress Protection	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Insulation Class	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H

# THREE PHASE

50 HZ – 415/230V – 0.8 POWER FACTOR



## Engine Technical Data

Generator Set Model	FB10-2	FB15-2	FB18-2	FB20-2	FB25-2	FB30-2	FB37.5-2	FB50-2	FB62.5-2	FB82.5-2	FB100-2	FB125-2	FB160-2	FB180-2	FB200-2
Engine Model	FBD2-1.2D1	FBD2-1.2D2	FBD2-1.2D3	FBDH2-1.2D1	FBDH2-1.2D2	FBDH2-1.2D3	FBDH2-1.2D4	FBD3-3.4D1	FBD3-3.4D2	FBD3-3.4D3	FBD4-4.5D1	FBD4-4.5D2	FBD6-6.8D1	FBD6-6.8D2	FBD6-6.8D3
Rated Power (kW)	10.3	16.2	18.8	31.4	31.4	31.4	34.5	51.5	61.5	85	100	113	170	170	190
Aspiration	NA	TC-IC	TC-IC	TC-IC	TC-IC	TC-IC	TC-IC	TC	TC-IC	TC-IC	TC-IC	TC-IC	TC-IC	TC-IC	TC-IC
Cooling Systems	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
Cooling System Capacity (l)	5.5	5.5	5.5	5.5	5.5	5.5	5.5	14	14	16	17	17	22	22	27
Engine Speed (rpm)	1500	1500	1500	3000	3000	3000	3000	1500	1500	1500	1500	1500	1500	1500	1500
Governing	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Electronic / Isochronous	Mechanical A2	Mechanical A2	Mechanical A2	Mechanical A2	Mechanical A2	Mechanical A2	Mechanical A2	Mechanical A2
No of Cylinders	2	2	2	2	2	2	2	3	3	3	4	4	6	6	6
Bore / Stroke (mm)	87 / 100	87 / 100	87 / 100	87 / 100	87 / 100	87 / 100	87 / 100	107 / 126	107 / 126	107 / 126	107 / 126	107 / 126	107 / 126	107 / 126	107 / 126
Displacement (l)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	3.4	3.4	3.4	4.5	4.5	6.8	6.8	6.8
Compression Ratio	19 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1
Fuel Tank Capacity (l)	75	75	75	75	75	75	75	200	200	200	300	300	300	300	300
Fuel System / Type	CRDI / HSD	CRDI / HSD	CRDI / HSD	CRDI / HSD	CRDI / HSD	CRDI / HSD	CRDI / HSD	Mechanical / HSD	Mechanical / HSD	Mechanical / HSD	Mechanical / HSD	Mechanical / HSD	Mechanical / HSD	Mechanical / HSD	Mechanical / HSD
Lube Oil Spec	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4	15W40 CH4
Lube Oil Capacity (l)	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	6.5	6.5	8.5	8.5	11.5	11.5	11.5

# THREE PHASE

50 HZ – 415/230V – 0.8 POWER FACTOR



## Generator Set Options

Option	Description	FB10-2	FB15-2	FB18-2	FB20-2	FB25-2	FB30-2	FB37.5-2	FB50-2	FB62.5-2	FB82.5-2	FB100-2	FB125-2	FB160-2	FB180-2	FB200-2
WH	Coolant Heater	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PBCB	Static Battery Charger	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
AH1	Alternator Space Heater	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
KWH	kWH with CT's	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ELCB	ELCB & Earth Fault Relays	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
GE5	Electronic Engine	-	-	-	-	-	-	-	○	○	○	○	○	○	○	○
GE9	Electronic Engine	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-

## Control Panel Options

Option	Description	FB10-2	FB15-2	FB18-2	FB20-2	FB25-2	FB30-2	FB37.5-2	FB50-2	FB62.5-2	FB82.5-2	FB100-2	FB125-2	FB160-2	FB180-2	FB200-2
STDP	Standard Control Panel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
AMFB	AMF Panel with Double Breaker	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
AMFS	AMF Panel with Single Breaker	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ATSM	Auto Start Panel with Manual Breaker Closing	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SYNC	Synchronising Panel 1	-	-	-	-	-	-	-	-	-	-	-	○	○	○	-

● - Standard  
○ - Optional

## DEALER NETWORK

FG Wilson is a world leading brand in the generator set industry with 50 years experience.

A vital factor in our success is the long standing relationships we have built with our Dealers. Our global Dealer network delivers not only power but local knowledge, expertise and support to customers in over 150 countries.

With worldwide logistics that span the globe, and a distribution network of over 400 globally, we provide reliable power and ongoing support when and where you need it.

To find your local Dealer, please visit: [www.FGWilson.com/dealer](http://www.FGWilson.com/dealer)



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