



FG WILSON INDIA | 15 - 250 kVA PRODUCT RANGE

ABOUT 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 one of the largest generator set manufacturers in Europe.

With manufacturing facilities in India, Brazil and China, FG Wilson has the capacity to produce over 60,000 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 commitment to 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 15 - 250 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 provides 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.



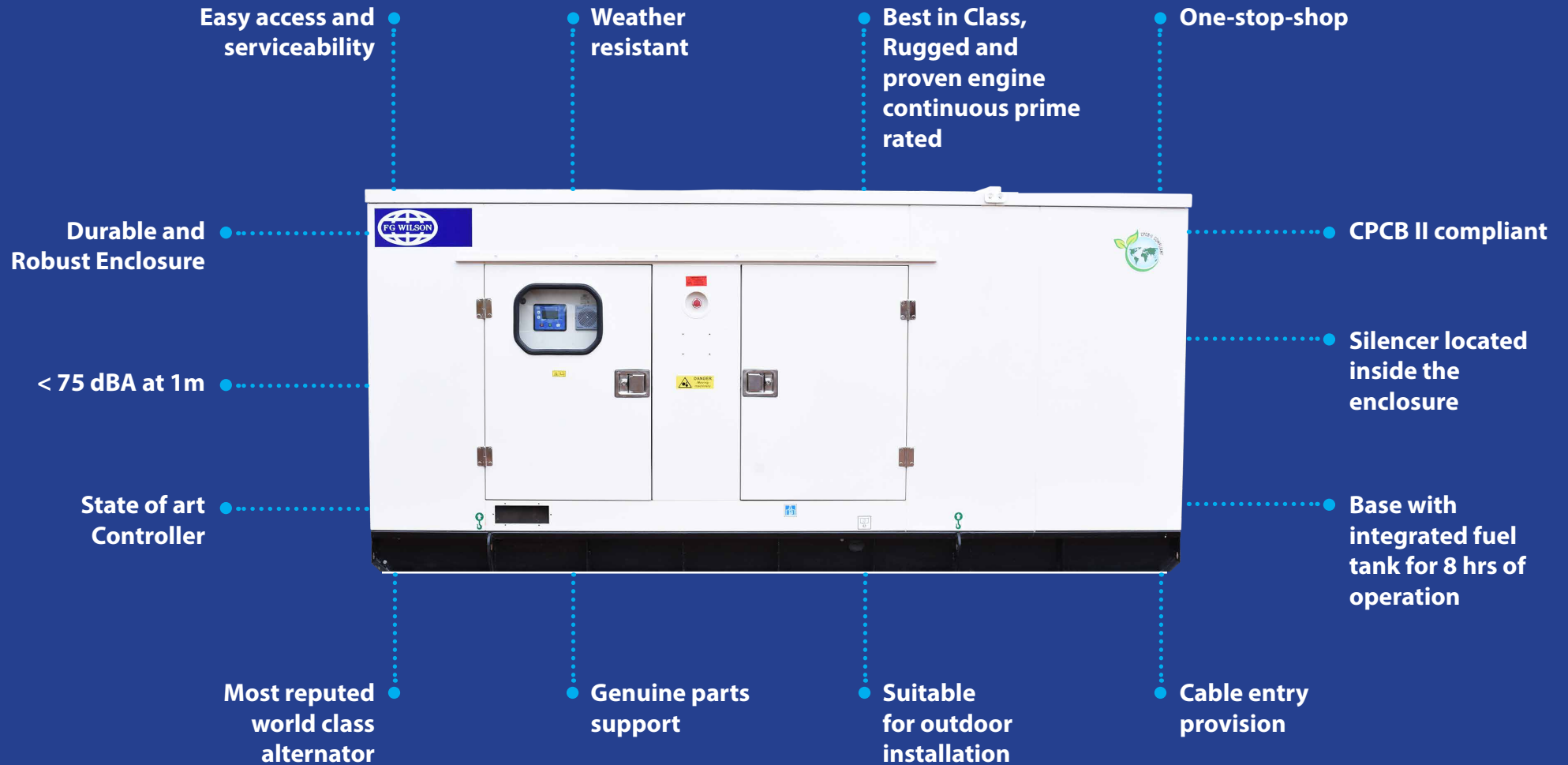


Genuine Parts

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.

DESIGNED EXCLUSIVELY FOR THE INDIAN MARKET



WHY BUY FG WILSON

FG Wilson has over fifty years of experience in the supply of diesel generator sets. We are renowned for products that are class leading in the areas of quality, reliability and durability. Our product range delivers silent diesel generator sets that provide power, ranging from 15 kVA to 250 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.



SINGLE PHASE

50HZ - 230V - 0.8 POWER FACTOR

Generator Set Model		FB15-2SA	FB20-2SA	FB25-2SA	FB30-2SA
Power rating*	kVA	15	20	25	30
	kW	12	16	20	24
Noise level (at 1 mtr)	dB(A)	< 75	< 75	< 75	< 75
Fuel Consumption**					
At 100%	Ltrs/Hr	4.5	6.1	7.6	8
At 50%	Ltrs/Hr	3.4	4.5	5.6	6
Fuel Tank capacity	Ltrs	45	85	85	85
Canopy Dimesions					
Length	mm	1864	2090	2090	2090
Width	mm	900	1030	1030	1030
Height	mm	1371	1400	1400	1400
Genset weight with canopy	Kgs	825	1025	1025	1030
Starting System DC	Volts	12V	12V	12V	12V
Engine Technical Data					
Engine Model		AL2CDG1	AL2CTIDG2	AL2CTIDG2	AL2CTIDG1
Engine Speed	RPM	1500	1500	1500	1500
Engine Volume	Ltrs	1.92	1.92	1.92	1.92
Gross Rated Power	kW	15.6	25.2	25.2	28.4
	HP	21.2	34.3	34.3	38.6
No. of cylinder		2	2	2	2
Bore	mm	104	104	104	104
Stroke	mm	113	113	113	113
Compression Ratio		16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1
Aspiration		NA	TA	TA	TA
Cooling System		Liquid Cooled	Liquid Cooled	Liquid Cooled	Liquid Cooled
Cooling System Capacity	Ltrs	8	10	10	10
Governing		Mechanical A1	Electronic A0	Electronic A0	Electronic A0
Alternator Technical Data***					
Alternator model		LSAP 42.3 A	LSAP 42.3 C	LSAP 42.3 F	LSAP 42.3 G
Class of insulation		H	H	H	H
Excitation system		Brushless	Brushless	Brushless	Brushless
Voltage Regulation	%	±1	±1	±1	±1
Rated Full Load Current	Amp	65	95	108	130

Notes

* Ratings in accordance with ISO 8528, ISO 3046, BS 5514 under standard reference conditions.

** With Diesel specific gravity of 0.8355 at NTP and tolerance of 5%

*** Alternator rating and data conforms to IS:13364 and IS/IEC 60034-1

Standard Reference Conditions: 27 degC Air inlet temp., 100M (328 ft) A.S.L, 30% relative humidity

THREE PHASE

50HZ - 415V - 0.8 POWER FACTOR

Generator Set Model		FB15-2A	FB20-2A	FB25-2A	FB30-2A	FB40-2A	FB50-2A	FB62.5-2A	FB82.5-2A	FB100-2A	FB125-2A	FB160-2A	FB200-2A	FB250-2A
Power rating*	kVA	15	20	25	30	40	50	62.5	82.5	100	125	160	200	250
	kW	12	16	20	24	32	40	50	66	80	100	128	160	200
Noise level (at 1 mtr)	dBA	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
Fuel Consumption**														
At 100% Load	Ltrs/Hr	4.5	6.1	7.6	8	10.2	11.8	14.8	19.8	24.4	28.8	37	43.4	54.2
At 75% Load	Ltrs/Hr	3.4	4.5	5.6	6	8.2	9.7	12.1	15.5	19.2	22.4	28.5	32.2	40.3
Fuel Tank capacity	Ltrs	45	85	85	85	85	155	155	155	250	250	325	480	480
Canopy Dimesions														
Length	mm	1864	2090	2090	2090	2490	2800	2800	3200	3410	3410	3910	4520	4520
Width	mm	900	1030	1030	1030	1090	1090	1090	1090	1230	1230	1360	1540	1540
Height	mm	1371	1400	1400	1400	1398	1442	1442	1438	1630	1630	1885	2100	2100
Genset weight with canopy	Kgs	800	980	990	1050	1200	1170	1180	1560	1640	1680	2125	3070	3100
Starting System DC	Volts	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	24V	24V
Engine Technical Data														
Engine Model		AL2CDG1	AL2CTIDG2	AL2CTIDG2	AL2CTIDG1	AL4CTIDG6	AL4CTIDG5	AL4CTIDG5	AL4CTIDG3	AL6DTIDG1	AL6DTIDG6	AL6DTIDG4	AL8NTIDG6	AL8NTIDG6
Engine Speed	RPM	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Engine Volume	Ltrs	1.92	1.92	1.92	1.92	3.84	3.84	3.84	3.84	5.76	5.76	5.76	7.98	7.98
Gross Rated Power	kW	15.6	25.2	25.2	28.4	39	59	59	78	94	116	147	223	223
	HP	21.2	34.3	34.3	38.6	53	80.2	80.2	106	127.9	157.8	200	303.4	303.4
No. of cylinder		2	2	2	2	4	4	4	4	6	6	6	6	6
Bore	mm	104	104	104	104	104	104	104	104	104	104	104	112	112
Stroke	mm	113	113	113	113	113	113	113	113	113	113	113	135	135
Compression Ratio		16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	16.5 : 1	17.5 : 1	17.5 : 1
Aspiration		NA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA	TA
Cooling System		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	Ltrs	8	10	10	10	13.5	13.5	13.5	15.5	22.5	22.5	23	46	46
Governing		Mechanical A1	Electronic A0	Electronic A0	Electronic A0	Mechanical A1	Mechanical A1	Mechanical A1	Electronic A0	Electronic A0	Electronic A0	Electronic A0	Electronic A0	Electronic A0
Alternator Technical Data***														
Alternator model		LSAP 40 E	LSAP 40 H	LSAP 42.3 B	LSAP 42.3 C	LSAP 42.3 F	LSAP 42.3 H	LSAP 42.3 K	LSAP 44.3 B2	LSAP 44.3 C	LSAP 44.3 D	LSAP 44.3 H	LSAP 45 M1	LSAP 45 L1
Class of insulation		H	H	H	H	H	H	H	H	H	H	H	H	H
Excitation system		Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
Voltage Regulation	%	±1	±1	±1	±1	±1	±1	±1	±1	±1	±1	±1	±1	±1
Rated Full Load Current	Amp	21	28	35	42	56	70	87	115	140	175	224	280	350

Notes

* Ratings in accordance with ISO 8528, ISO 3046, BS 5514 under standard reference conditions.

** With Diesel specific gravity of 0.8355 at NTP and tolerance of 5%

*** Alternator rating and data conforms to IS:13364 and IS/IEC 60034-1

Standard Reference Conditions: 27 degC Air inlet temp., 100M (328 ft) A.S.L, 30% relative humidity

DEALER NETWORK

FG Wilson has established a strong reputation in India and is continuously building its local network of Dealers across the country. By working closely with these Dealers, FG Wilson can deliver generators anywhere in India, whilst providing ongoing expert advice and support.

These local Dealers can also provide customers with service plans and genuine FG Wilson parts to ensure your FG Wilson generator is looked after and runs at optimum performance each and every time.

Please visit our website to find and contact
our local Dealer: www.fgwilson.com



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