EMPOWERING INDIA'S FUTURE

FG WILSON

CPCB IV+ COMPLIANT

FB Series | 40-250 kVA Range

ABOUT FG WILSON

Founded in the United Kingdom in 1966, FG Wilson has evolved and is now recognised as a world-leading manufacturer of Generators, providing reliable power solutions to over 150 countries globally.

Having entered the Indian market in 2010, FG Wilson built a reputation for quality, reliable products and has marked long-term commitment to the region with the development of state-of-the-art manufacturing facilities, which has elevated the brands capacity to meet market demand with over 60,000 generators now being produced annually.

ENHANCED AND MORE EFFICIENT

FG Wilson stands ready for the new CPCB IV+ emission standards, combining technological excellence, customer support and environmental consciousness. The FB series gensets, designed exclusively for India, is built and tested as per FG Wilson global quality standards. The range of gensets comes with EATS (Exhaust After Treatment System) pre-installed from factory to meet the CPCB IV+ standards. This significantly reduces NOx and particulate matter from the exhaust gases, to bring it within the limits prescribed by regulatory agency.

- **Enhanced power**
- **Higher block loading capacity**
- **Better fuel economy**
- **Extended oil drain interval**
- **Better cold startability**

Control System

Advanced genset controller

Displays emission related faults codes and action inducement strategy

Advanced telematics (RMU) interphase

For timely service, diagnostics and preventive maintenance alerts at customer fingertips

Buzzer

As per CPCB guidelines - alerts operators for any emission related faults for which customer attention is needed

Exhaust After Treatment System (EATS)

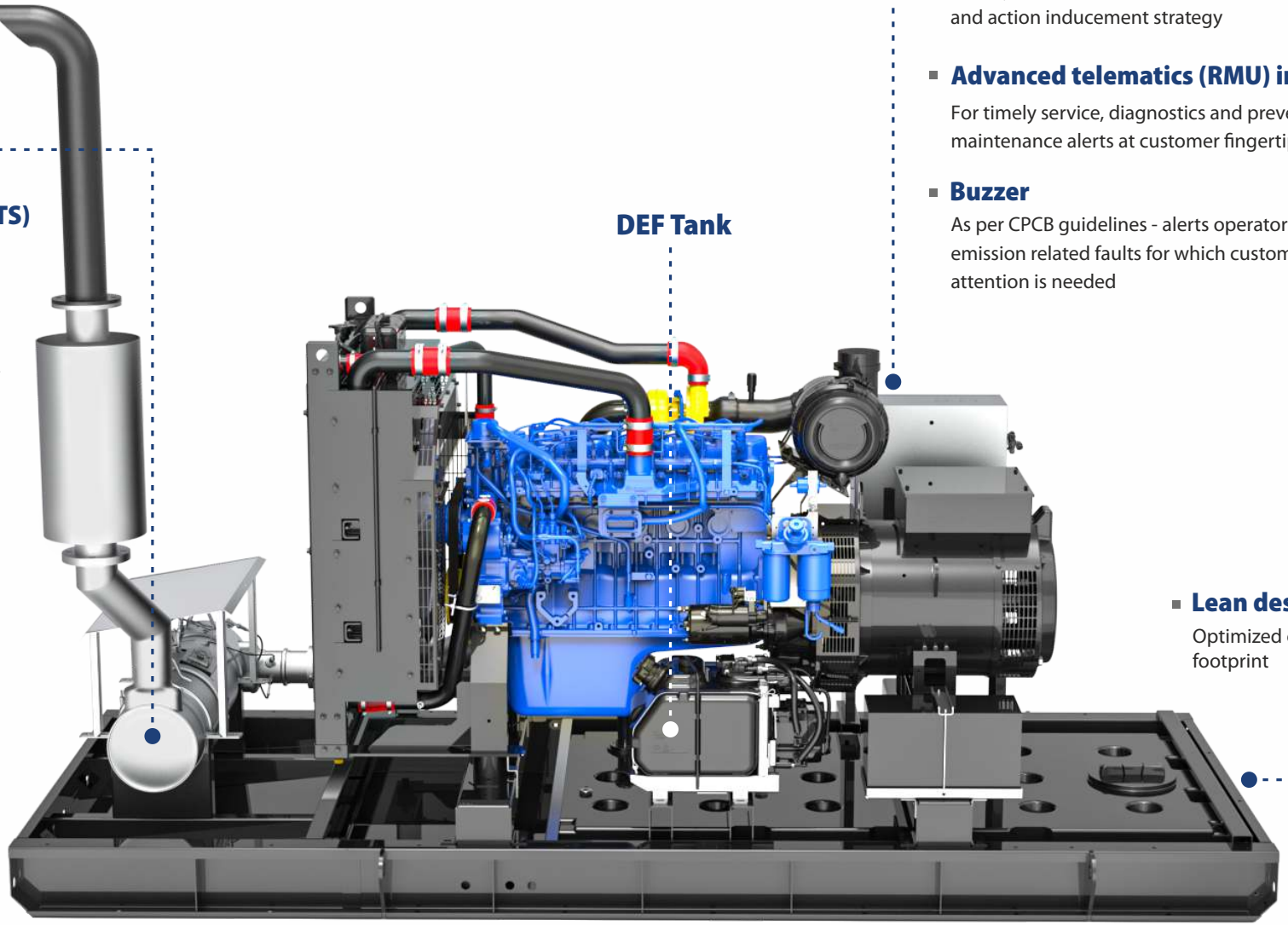
Reduces the engine out emissions

DOC

Reduces the Particulate matter by 92% (0.3g to 0.024g)

SCR+DOC reduces engines out NOx by 98% (9g to 0.24g)

DEF Tank



Lean design approach

Optimized overall genset footprint

TECHNICAL SPECIFICATION

FB Series | 40-250 kVA Range

Genset Technical Data	FB40-4A	FB60-4A	FB82.5-4A	FB100-4A	FB125-4A	FB160-4A	FB180-4A	FB250-4A
Genset rating (kVA)	40	58.5	82.5	100	125	160	180	250
No of phases	3	3	3	3	3	3	3	3
Voltage (V)	415/240	415/240	415/240	415/240	415/240	415/240	415/240	415/240
Controller type	GC1206	GC1206	GC1206	GC1206	GC1206	GC1206	GC1206	GC1206
Starting system	12V / 90 AH	12V / 90 AH	12V / 130 AH	12V / 130 AH	12V / 130 AH	12V / 130 AH	12V / 130 AH	24V / 150 AH
Genset dry weight (kg)	910	1270	1300	1380	1400	1890	1975	2249
Genset dimensions (LxWxH)(mm)	2490X1090X1397	2800X1078X1445	3100X1300X1605	3100X1300X1605	3400X1300X1605	3900X1400X1875	3900X1400X1875	4500X1520X2075
Battery type	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid	Lead Acid
Circuit breaker rating (A)(3P/4P)	63/4P	100/3P	125/3P	160/3P	200/3P	250/3P	320/3P	400/3P
Engine Technical Data								
Engine model	H4G4DE40	H4G4DE60	H4G4DE82	H4G4DE100	H6G4DE125	H6G4DE160	H6G4DE180	A6G4DE250
Engine speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500
Engine volume (L)	3.84	3.84	4	4	6	6	6	7.98
Gross rated power (kW/hp)	39/52	54/72	78/104	92/122	116/154	147/197	165/220	223/303
Number of cylinders	4	4	4	6	6	6	6	6
Aspiration	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
Cooling system capacity (L)	14	13.5	15.5	22.5	22.5	23	23	46
Governing	Electronic A0	Electronic A0	Electronic A0	Electronic A0	Electronic A0	Electronic A0	Electronic A0	Electronic A0
DEF tank capacity (L)	NA	NA	24	24	24	24	24	48
Alternator Technical Data								
Alternator model	LSAP 42.3 F	LSAP 42.3 K	LSAP 44.3 B2	LSAP 44.3 C	LSAP 44.3 D	LSAP 44.3 H	LSAP 44.3 H	LSAP 45 L1
Alternator rating	40	58.5	82.5	100	125	160	180	250
Class of insulation	H	H	H	H	H	H	H	H
Voltage variation (%)	1	1	1	1	1	1	1	1
Rated full load current (A)	56	87	115	140	175	224	250	350
Fuel & Oil Systems Technical Data								
Fuel system	CRS	CRS	CRS	CRS	CRS	CRS	CRS	CRS
Type of fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Genset fuel tank capacity (L)	85	155	155	250	250	325	325	480
Fuel consumption - @ 75% load (L/hr)*	7.7	10.5	14.7	17	22.1	27.5	30.4	39.3
Lube oil change period (hrs)	750 Hrs. or 1 Year	750 Hrs. or 1 Year	750 Hrs. or 1 Year	750 Hrs. or 1 Year	750 Hrs. or 1 Year	750 Hrs. or 1 Year	750 Hrs. or 1 Year	750 Hrs. or 1 Year
Oil capacity (L)	8.5	8.5	12	12	18	18	18	28
Oil consumption @100% load	< 0.1% of FC	< 0.1% of FC	< 0.1% of FC	< 0.1% of FC	< 0.1% of FC	< 0.1% of FC	< 0.1% of FC	< 0.1% of FC

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%

Our Dealers:

Gmmco Limited
Toll-free no: 1800 425 2546

Gainwell Commosales Pvt. Ltd.
Toll-free no: 1800 345 3355, 1800 419 3356

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www.fgwilson.com