

Gorban Power Diesel Generator

www.gorban-generator.com





Portable Diesel Generator



Generator Feature

- Quiet Operation
- Customizable Control Panel
- Advanced Alternator Technology
- Low Oil Alarm System
- Innovative AVR Technology
- Powerful Performance
- Powerful Performance: Powered by the robust four-stroke diesel engine, enhanced with an innovative fuel pump and inertia injection technology,
- Two-Stage Muffler System: Equipped with a patented two-stage muffler, which offers superior noise reduction through advanced air-flue design, ensuring quieter operation.
- High Conversion Efficiency: Featuring a 100% copper alternator and Class F insulation, delivering high conversion efficiency, with the smart AVR system ensuring stable voltage and minimal waveform distortion.

Datasheet	Measure	PF=1		PF=0.8	
Frequency	Hz	50	60	50	60
Rated Power	kVA	4.6	5	5.8	6.3
Max Power	kVA	5	5.5	6.3	6.87
Rated Speed	r.p.m	3000	3600	3000	3600
Standard Voltage	V	230	220	400	440
Power Factor	Cos Phi	1		0.8	
Fuel Consumption	g/kWh	275	280	275	280
Noisy Level	dB(A)@7m	Open: 85 Sil	ent: 72-75	Open: 85	Silent: 72-75



Engine Model	Measure	186FA / 186FAE		
		Single cylinder,in-lined, 4-stroke,		
Туре		air-cooled, direct injection		
Bore*Stroke	mm	86*72		
Displacement	ml	418		
Compression Ratio		19:01		
Rated Output Power	kW/rpm	6.8/3000 7.5/3600		
Lubrication System		Pressure splashed		
Lube Oil Brand		CD SAE 10W-30,15W-40Above		
Fuel Consumption Rate	g/kW.h	3000rpm:≦ 275 3600rpm:≦280		
Fuel Type	Diesel	Diesel 0#(Summer)or-10#(Winter),-35#(Freezing)		
Fuel Tank Capacity	L	12.5/16		
Continuous Running Time	Н	7.3/9.3		
Starting Syster	n	12V Electric Starter /Recoil Start		
Starting Motor Capa	acity	12V 0.8kW		
Battery Charger	-	12V 3A		
Battery Capacity	/	12V 28Ah		

♦ Remote Control Capability

Offering you convenience and flexibility whenever needed. Control your generator effortlessly from anywhere at any time.

♦ Digital Control Panel

It provides real-time data on the generator's performance, ensuring ease of use and better management.

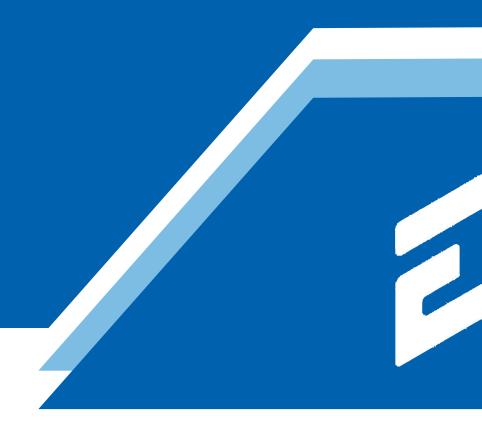
♦ Automatic Transfer Switch (ATS) Functionality

Enables seamless switching between city power and generator power, ensuring a smooth transition without manual intervention.

♦ Intelligent Protection System

Smart digital control panel is equipped with safety functions like overload, over-voltage, over-current, low oil pressure protection.





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