

SENTINEL

**2.8 kW - 7.5 kVA
GENSET**

**READY STEADY
POWER**



India's Largest Fleet of Gensets



Lowest Footprint



Easy Mobility on Wheels



Fuel Saving

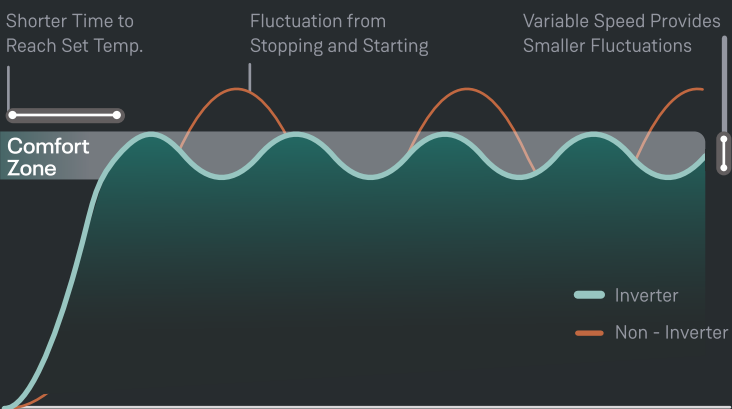


Aesthetical

Inverter Technology

An inverter generator is a type of portable generator that produces AC (Alternating Current) power, like a conventional generator, but converts it into DC (Direct Current) and back into a cleaner and more stable AC power using clever electronic circuitry.

- India's #1 Genset Brand
- Inverter technology
- Easy to handle
- Low operating cost



The versatile power generator solution

Combined possible load on 2.8 kW*	Estimated equipment's watts	No. of units
LED Lights	10	8
CFL Lightning	30	8
Tube Light	45	6
Celling Fan	60	6
Refrigerator	300	1

Combined possible load on 2.8 kW*	Estimated equipment's watts	No. of units
Computer	300	2
Washing machine	350	1
TV LED Type 32"	32	2
Air Conditioning	-	-
Any other units	-	-

2.8 kW, 3.5 kVA , 5.5 kVA & 7.5 kVA

Petrol & Diesel Genset

India's #1 Genset brand

- With over 1 million Gensets in operation
- Our advanced power solutions extend up to 16 MW, ensuring reliable performance across all varying customer needs

Unmatched Service Network

- Backed by 5,000+ skilled engineers and a network of 450+ fully-equipped service centres
- Hassle-free support—just contact our customer service, and an authorized representative will be at your doorstep!

Advanced Power Solutions

- Aesthetically appealing enclosure with lowest footprints matching today's customer requirements
- Effortless portability for ultimate convenience —from beach parties to jungle camps
- Automatic start[#] for uninterrupted power
- Compliant with the latest noise and emission regulations for an eco-friendly operation



* This is just for illustration & various combinations as per respective needs are possible.

** However in Case of AC operation requirement, there would be change in other connected loads and as such you are requested to contact authorised Kirloskar genset sales experts.

[#] AMF Panel is available only for diesel variants of Kirloskar Sentinel Gensets

TECHNICAL SPECIFICATIONS

Particular		PETROL		DIESEL		
Rated Output at 230V / 50Hz		2.8 kW	5 kW	3.5 kVA	5.5 kVA	7.5 kVA
Max Rating***	kW/kVA	3 kW	5 kW	3.5 kVA	5.5 kVA	7.5 kVA
Genset model		KG4 - PP - 3AS	KG4 - PP - 5AS	KG4 - P - 3.5AS	KG4-P-5.5AS	KG4-P-7.5AS
Voltage	V	230	230	230	230	230
Sound Level	LWA / dB(A)	< 86 LWA		< 75 dB (A)		
Fuel Consumption**	At 100% Load	1.62	2.83	1.11	1.69	2.0
	At 75% Load	1.3	2.37	0.93	1.36	1.7
	At 50% Load	1	1.88	0.78	1.07	1.1
Fuel Tank Capacity	Ltrs	12.5	12.5	12.5	12.5	26
Overall Dimensions of Genset (L x W x H)^		720 X 525 X 675	1040 X 550 X 685	950 X 595 X 855	950 X 595 X 855	1135 X 730 X 860
Weight of Genset with Canopy approx^	Kg	83	150	170	170	220

ENGINE

Engine Model		CCP 196	CCP389	CC 418 G1	CC 418 G1	CC 519
RPM		3000				
Rated Output (Prime Continuous rating) as per ISO 3046	kWm	4	6.5	5.5	5.5	7.2
	HP	5.5	8.8	7.47	7.47	9.8
Cubic Capacity	cc	196	389	418	418	519
Lube Oil Change Period \$	Hrs	First 20 hr. then Every 100 hr.		100		
Lube Oil Sump Capacity	Ltrs	0.6	1.1	1.65	1.65	1.7
Starting System		Electric / Recoil	Electric / Recoil	Electric	Electric	Electric
Low Oil Level alert (Trip)		Yes	Yes	Low Lube Oil Level-No, Low Lube Oil Press-Yes		Low Lube Oil Press-Yes
Overload Warning		Yes	-	Yes	Yes	Yes
Battery Charging		Yes	Yes	Yes	Yes	12V, 8A SMPS Charger
Eco Throttle		Electronic	Mechanical	Mechanical	Mechanical	Mechanical

INVERTER

Rated Output at 230V / 50Hz	kW	2.8		3.5	6	6
Max Output	kW	3		4	6.5	6.6
% THD (Voltage)		< 5%	< 5%	< 5%	< 5%	< 5%
Display Parameters		Digital Multi Fu'n Meter Voltage, Frequency, Hours		KG645-Controller (Voltage, Frequency, Hours)		Microprocessor based Genset controller
Fuel Gauge (Mech. Level Indicator)		Yes	Yes	Yes	Yes	Yes
AC Output connector		Yes	Yes	Yes	Yes	Yes
AC Circuit Breaker		Yes	Yes	Yes	Yes	Yes

Notes:
^ Standard Tolerances Apply
** 5% Tolerance ; 5% Tolerance with ECO Mode for 2.8 kW Petrol
*** Some Electrical Appliance motor take more power during startup than rated power
\$ At NTP

Genset Model will be available in 4 wheel configuration
For regular Operation do not exceed rated power



SHAPING THE FUTURE.
DELIVERING POWER TO OVER 50+ COUNTRIES.

INGENIOUS DESIGN.
UNMATCHED PERFORMANCE.

KIRLOSKAR OIL ENGINES LIMITED
A Kirloskar Group Company

Regd. Office: 13, Laxmanrao Kirloskar Road,
Khadki, Pune, Maharashtra 411 003
INDIA



Mobile -

+91 98220 69053, 9823676540.

Website -

www.ashokaengineers.in

BETTER POWER
FOR A

limitless

T O M O R R O W



**Ashoka
Engineers**

...power with automation

**25 years of
turning vision
into reality!**