

karloskar
powergen

SENTINEL

2.8 kW - 5.5 kVA

GENSET



BETTER POWER
FOR A

limitless

T O M O R R O W

INDIA'S LARGEST
FLEET OF GENSETS



BETTER POWER
FOR A

limitless

T O M O R R O W



A RICH HERITAGE OF OVER A CENTURY OF ENGINEERING EXCELLENCE.

Kirloskar power generating sets prioritize user experience, delivering exceptional features and benefits. Streamlined installation and enhanced dependability to expedited service, reduced maintenance costs, and optimized performance.

Kirloskar Powergen sets itself apart with groundbreaking engineering that establishes new industry benchmarks.

limitless **POTENTIAL, SUSTAINABLE PRACTICES**

Our state-of-the-art manufacturing facility embodies our commitment to sustainable practices. We partner with nature to power the facility itself, transforming waste into valuable resources. This focus on sustainability inspires both our workforce and surrounding communities.

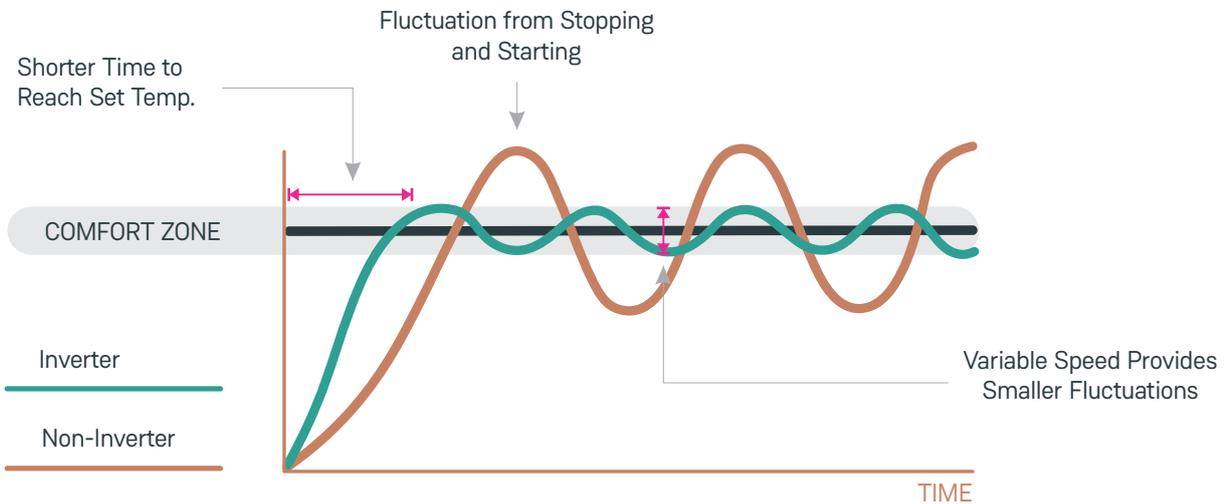
It's here, where cutting-edge technology meets exceptional skills, that we engineer solutions to empower limitless possibilities.

Discover our Plant with a
QR Code Scan.



WHAT IS 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.



THE VERSATILE POWER GENERATOR SOLUTION

Combined possible load on 2.8 kW*	LED Lights	CFL Lighting	Tube Light	Celling fan	Refrigerator	Computers	washing machine	TV LED Type 32 inch	Air conditioning	Any other units
Estimated equipment's watts	10	30	45	60	300	300	350	32	**	
No. of units	8	8	6	6	1	2	1	2		

* 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 green sales experts.

2.8 kW, 3.5 kVA & 5.5 kVA Petrol & Diesel Genset

INVERTER TECHNOLOGY

India's #1 Genset brand

- Over 1 million Gensets in service across the globe
- Specialised genset manufacturer for more than seven decades; offers a wide range of power solutions upto 1500 kVA

Widest well-trained service network

- Supported by over 5000 skilled engineers and over 450 well-equipped service outlets
- Centrally monitored service quality and response time
- Dial customer support and our authorized representative will be at your door step!

Widest product range

- Choice of power is now unlimited, choose from 2.8 till 5 kVA in petrol and 5.5 kVA diesel genset
- Choose genset from the widest range as per your ideal power needs

Kirloskar Solution

- Revolutionary sound absorption system makes the owner totally relaxed during power cut
- Complies with the latest noise regulation and emission norms

Complete solution with AMFi Panels*

- Switch on automatically
- High reliability
- Ready to start with built-in battery charger
- Easy to mount and install

Enjoy the benefits of mobility and portability

- Kirloskar rolls on wheels and is equipped with a wide length handle
- Carry power with you for a beach party or a jungle camp
- Great help for small establishments and mobile workshops too!



* AMF Panel is available only for diesel variants of KCC Portable Gensets

THE VERSATILE POWER GENERATOR SOLUTION

Why get satisfied with power back-up of 4 lights & 4 fans ?

With Kirloskar Green Gensets ensure non stop comfort of wide range of appliances



COMPUTER /
LAPTOP



LED
TELEVISION



WASHING
MACHINE



AIR
CONDITIONER



REFRIGERATOR



COLD DRINK
REFRIGERATOR



DEEP
FREEZER

2.8kW-5.5 kVA TECHNICAL SPECIFICATIONS

Particular		PETROL		DIESEL	
Rated Output at 230V / 50Hz		2.8 kW- Inverter	5 kW	3.5 kVA Diesel Inverter	5.5 kVA Diesel Inverter
Max Rating***	kW/kVA	2.8 kW	5 kW	3.5 kVA	5.5 kVA
Genset model		KG4-PP-3AS	KG4-PP-5AS	KG4-P-3.5AS	KG4-P-5.5AS
Voltage	V	230	230	230	230
Sound Level	L _{WA} /dB(A)	≤ 86 L _{WA}		≤ 75 dB (A)	
Fuel Consumption**	At 100% Load	1.62	2.83	1.11	1.69
	At 75% Load	1.3	2.37	0.93	1.36
	At 50% Load	1	1.88	0.78	1.07
Fuel Tank Capacity	Ltrs	12.5	12.5	12.5	12.5
Overall Dimensions of Genset (L x W x H) [^]	mm	820 x 480 x 630	1040 x 550 x 685	950 X 595 X 855	950 X 595 X 855
Weight of Genset with Canopy approx [^]	Kg	83	150	170	170

ENGINE

Engine Model		CCP 196	CCP389	CC 418 G1	CC 418 G1
Rated Output (Prime Continuous rating) as per ISO 3046	kW	3.67	6.5	5.5	5.5
	HP	5	8.8	7.47	7.47
Cubic Capacity	cc	196	389	418	418
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
Starting System		Electric / Recoil	Electric / Recoil	Electric	Electric
Low Oil Level alert (Trip)		Yes	Yes	Low Lube Oil Level-No, Low Lube Oil Press-Yes	
Overload Warning		Yes	-	Yes	Yes
Battery Charging		Yes	Yes	Yes	Yes
Eco Throttle		Electronic	Mechanical	Mechanical	Mechanical

INVERTER

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

2.8 kW - INVERTER TECHNOLOGY



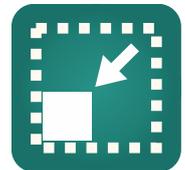
Benefits of mobility
and portability



Inverter
technology



Low cost of
operation



Compact
size

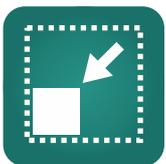
5.5 kVA - PORTABLE DIESEL GENSET INVERTER TECHNOLOGY



Power on
Wheels



Low cost of
operation



Compact
size



Widest well-trained
service network





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

INGENIOUS DESIGN.
UNMATCHED PERFORMANCE.

KIRLOSKAR OIL ENGINES LIMITED
A Kirloskar Group Company

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INDIA



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T O M O R R O W



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Stamp of
Authorised
Representative