

**kirloskar**  
powergen

**SENTINEL**

2.8kW - 5.5kVA  
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.

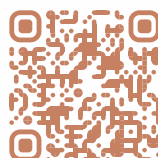
Kirloskar Powergen sets itself apart with groundbreaking engineering that establishes new industry benchmarks.

*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.

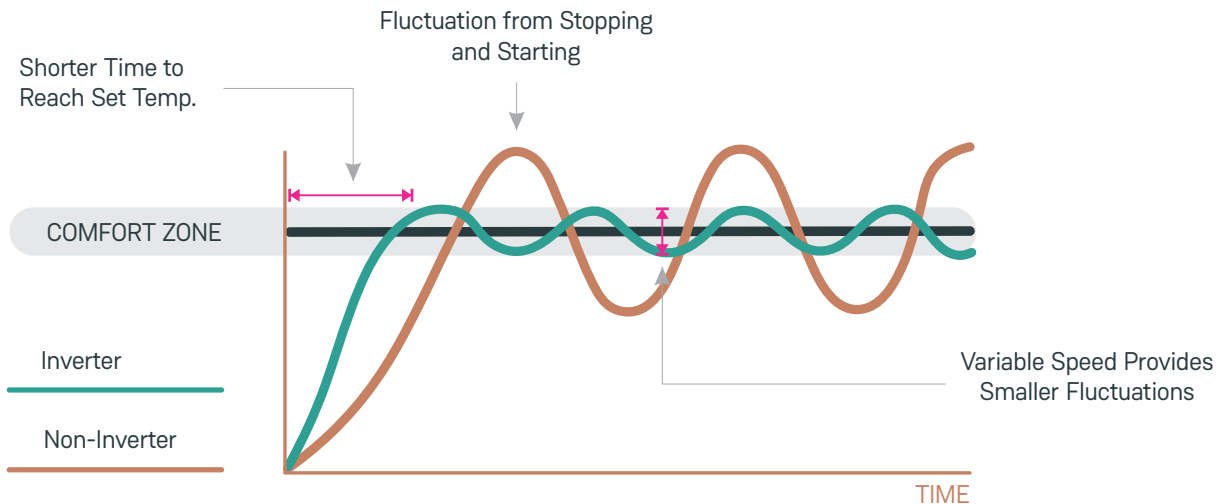
It's here, where cutting-edge technology meets exceptional skills,  
that we engineer solutions to empower limitless possibilities.

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 powercut
- 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 <sub>WA</sub> /dB(A) | ≤ 86 L <sub>WA</sub> |                  | ≤ 75 dB (A)             |                         |
| Fuel Consumption**                        | At 100% Load | Ltrs/Hr                | 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 <sup>§</sup>                    | 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



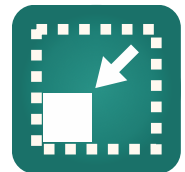
Benefits of mobility  
and portability



Inverter  
technology



Low cost of  
operation



Compact  
size

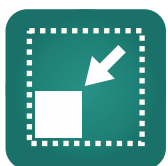
## 5.5 kVA - PORTABLE DIESEL GENSET INVERTER TECHNOLOGY



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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Stamp of  
Authorised  
Representative