

# SENTINEL

2.8 kW - 7.5 kVA  
GENSET

READY STEADY  
**POWER**



India's Largest  
Fleet of Gensets



Lowest Footprint



Fuel Saving




Easy Mobility on Wheels





Aesthetical


# Inverter Technology

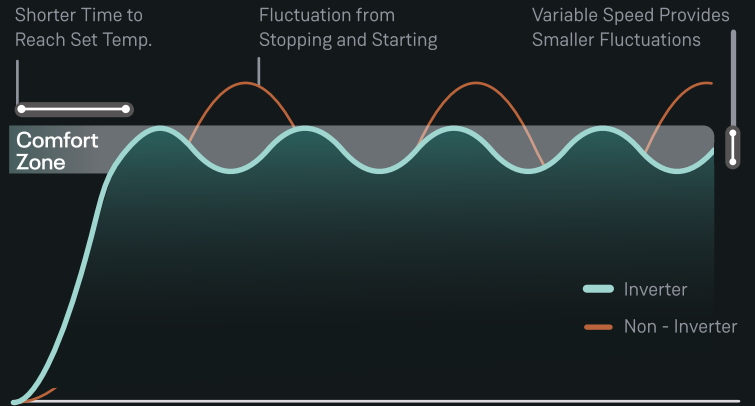
An inverter generator is a type of portable generator that produces AC (Alternating Current) power, like a conventional generator, but converts it into DC (Direct Current) and back into a cleaner and more stable AC power using clever electronic circuitry.

 **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
 Ceiling 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<sup>#</sup> 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	kVA	–	–	3.5 kVA	5.5 kVA	7.5 kVA	
	kW	2.8 kW	5 kW	2.8 kW	4.4 kW	6 kW	
Rated current at Unity PF	A	12.17	21.74	12.17	19.13	26.09	
Rated current at 0.8 PF	A	–	–	15.22	23.91	32.61	
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	Ltrs/Hr	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)^	mm	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	266	

## 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

Inverter Capacity	kW	2.8	–	4.4	6	8
% 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

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INDIA



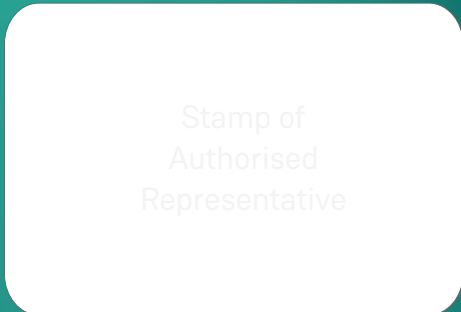
BETTER POWER  
FOR A

*limitless*

T O M O R R O W



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