

KOHLER®
IN POWER. SINCE 1920.

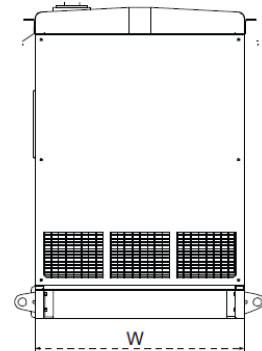
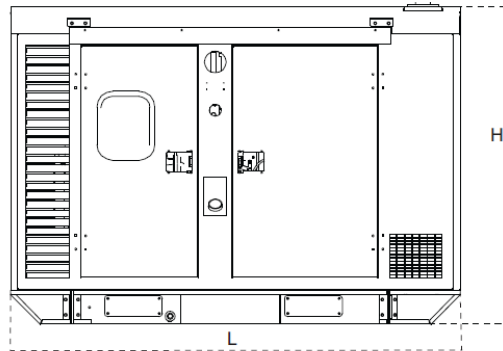
Product specification

KE15 II – Industrial & Stationary Applications

Genset Nomenclature

- **Genset Nomenclature: KE15 II:** Kohler 15 kVA CPCB II Genset with Escorts engine.
 - K: Kohler
 - E: Escorts (Escorts engine)
 - 15: kVA Rating
 - II: CPCB II Certified
- **Genset rating:** 15 kVA Prime Power, i.e. 12 kWe at 0.8 PF Inductive load, Full Load Current: 20.9Amps (3 phase application) & 65.2 amps (1 phase application)

KE15 II



Dimension (L X W X H) :- 1997 x 950 x 1450 mm

Dry Weight:- 773KG

- **Emission:-** Engine Certified as per CPCB II emission norms
- **Noise:-** Genset meets CPCB requirement of 75 dBA at 1 meter distance at 75 % load



Engine & Alternator Specification

Engine Specification	
Engine model	G20 II
Stroke	4
Type	Natural Aspirated
Cylinder arrangement	3, Inline
Displacement, Lits	2.15
Bore and stroke, mm	91X110
Compression ratio	17.5:1
Rated rpm	1500
Max.power at rated rpm, BHP	24.8
Governor: type, make/model	Mechanical
Frequency regulation, no-load to full load	Class A2
Frequency regulation, steady state	ISO 8528 G2
Air cleaner type, all models	Dry, 1
Battery charging alternator	12 Volts
Starter motor rated voltage (DC)	12 Volts
Oil pan capacity with filter, L (qt.)	6
Radiator Capacity, L	10.9

Alternator Specification	
Make	Meccalte
Model (3 phase)	ECO3-3L/4
Model (1 phase)	ECO28-2LN/4
Regulation Type	DSR
Type	4 Pole
Exciter type	Brushless
Insulation	
- Material	Class H
- Temperature rise	125°C, Prime
Bearing: quantity, type	1, Sealed
Coupling	Flexible Disk
Voltage regulation,	+/- 1%
Rating Voltage	415/230
Prime rating at 125°C, kVA	15

Controller

Using KOHLER make ADC controller in this range

ADC: Advanced Digital Controller

Controller Model Used :

kVA Rating	Phase	STD / AMF	Controller Model
15	1	STD	ADC 2201
15	1	AMF	ADC 2202
15	3	STD	ADC 2203
15	3	AMF	ADC 2204

Following Genset Safety Parameters are monitored & controlled by Genset controller. i.e.

- V,A & Hz
- Engine Start/Stop
- Coolant Temperature & Oil Pressure digitally displayed
- Over crank Protection
- Remote Start compatible:- DG can be started remotely by simply switching on the toggle switch and need not to be in-front of DG
- Low Battery warning

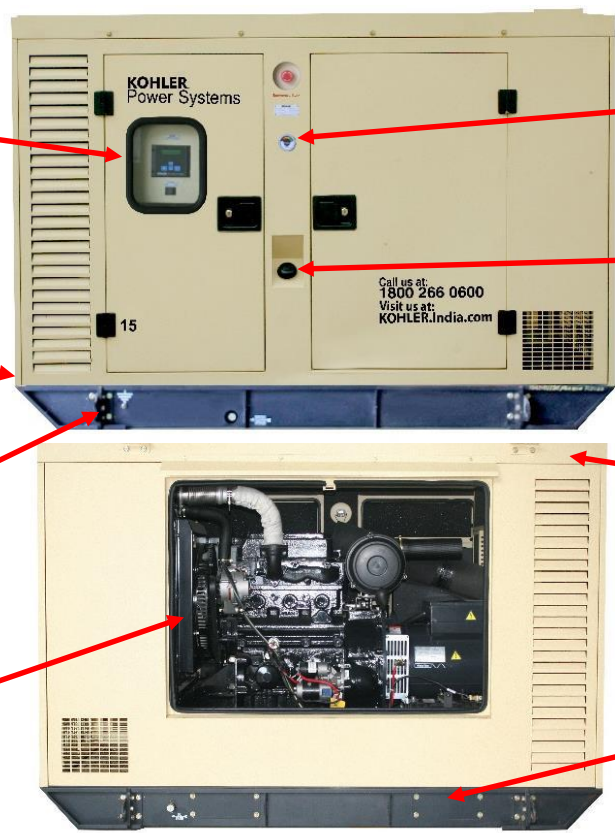
Enclosure Features

Advance Digital controller for genset start – stop & easy monitoring of all genset parameters

Simple cable entry arrangement

Four point bottom lifting arrangement

Service door arrangement ensures easy access to all service points



Special LED digital fuel indicator, easy to see fuel level even at night time

Fuel filling from outside with lock & key arrangement

weather and sound resistant enclosure

Standard fork pocket arrangement

Kohler advantage – 15 kVA

- Ease of Service
 - ✓ 100% serviceable parts on same side of the set
 - ✓ Easy accessibility and less fatigue to operator
 - ✓ Single window for Sales, Service & spares support
- Advanced Digital Controller
- Silencer inside canopy – unique for Kohler
- Special LED digital fuel level indicator
- Best in class Block loading capacity (80%)
 - ✓ Better stability of voltage and current

Thank you!