

KOHLER®
IN POWER. SINCE 1920.

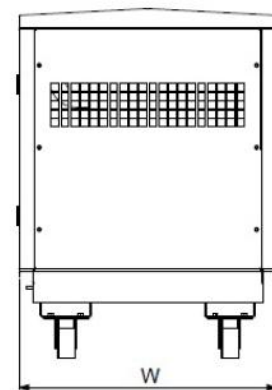
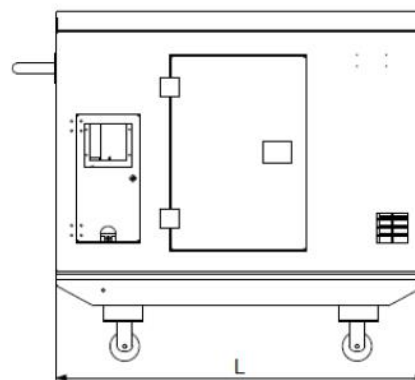
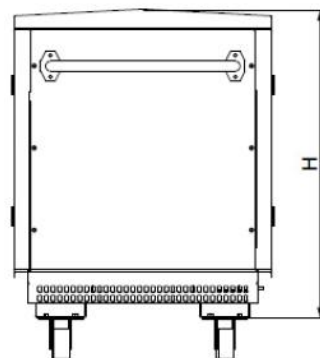
Product specification

KKN04 II – Industrial & Stationary Applications

Genset Nomenclature

- **Genset Nomenclature: KKN04 II:** Kohler 3.5 kVA CPCB II Genset with Kohler engine.
 - K: Kohler
 - K: Kohler engine
 - N: New
 - 04: kVA Rating
 - II: CPCB II Certified
- **Genset rating:** 3.5 kVA Prime Power, i.e. 3.5 kWe at 1 PF Inductive load, Full Load Current: 15.2Amps (1 phase application)

KKN04 II



Dimension (L X W X H) :- 945 x 660 x 789 mm

Dry Weight:- 203KG

- **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	15LD440-GSI2
Stroke	4
Type	Natural aspirated
Cylinder arrangement	1, inline
Displacement, Lits	0.44
Bore and stroke, mm	76 X 86
Compression ratio	20.3:1
Rated rpm	3000
Max. power at rated rpm, BHP	8.18
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)	1.4

Alternator Specification	
Make	Meccalte
Model (3 phase)	S16W-150
Regulation Type	Capacitor
Type	2 pole
Exciter type	brushless
Insulation	
- Material	Class H
- Temperature rise	125°C, Prime
Bearing : quantity, type	1, sealed
Coupling	Direct
Voltage regulation	+/- 5%
Rating Voltage	230
Prime rating at 125°C, kVA	3.5

Controller

Using KOHLER make ADC controller in this range

ADC: Advanced Digital Controller

Controller Model Used :

kVA Rating	Phase	STD / AMF	Controller Model
3.5	1	STD	ADC 2205
3.5	1	AMF	ADC 2202

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

- V,A & Hz
- Engine Start/Stop
- Oil Pressure digitally displayed
- Over crank Protection
- Remote Start compatible:- Remote two wire start – stop capability
- Low Battery warning

Enclosure Features

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

Simple cable entry arrangement

Service door arrangement ensures easy access to all service points

Fuel filling inside the canopy

Weather and sound resistant enclosure

Trolley with handle arrangement

Trolley type with wheels arrangement



Kohler advantage – 3.5 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
- Best in class fuel consumption (1 L/hr @75% load) – lower operating cost
- Higher fuel tank capacity
- Advanced Digital Controller

Thank you!