

KOHLER®
IN POWER. SINCE 1920.

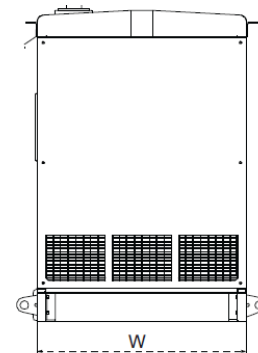
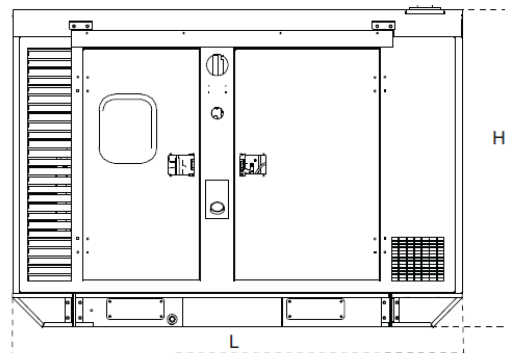
Product specification

KE25 II – Industrial & Stationary Applications

Genset Nomenclature

- **Genset Nomenclature: KE25 II:** Kohler 25 kVA CPCB II Genset with Escorts engine.
 - K: Kohler
 - E: Escorts (Escorts engine)
 - 25: kVA Rating
 - II: CPCB II Certified
- **Genset rating:** 25 kVA Prime Power, i.e. 20 kWe at 0.8 PF Inductive load, Full Load Current: 35Amps (3 phase application) & 109Amps (1 phase application)

KE25 II



Dimension (L X W X H) :- 1997 x 950 x 1410 mm

Dry Weight:- 831KG

- **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 | | Alternator Specification | |
|--|-------------|----------------------------|---|
| Engine model | G30 II | Make | Meccalte for 3 phase Leroy Somer for 1 phase |
| Stroke | 4 | Model (3 phase) | ECO 28-2LN/4 |
| Type | TCIC | Model (1 phase) | LSAP423-F |
| Cylinder arrangement | 3, Inline | Regulation Type | DSR |
| Displacement, Lits | 2.15 | Type | 4 Pole |
| Bore and stroke, mm | 91X110 | Exciter type | Brushless |
| Compression ratio | 17.5:1 | Insulation | |
| Rated rpm | 1500 | - Material | Class H |
| Max.power at rated rpm, BHP | 42.0 | - Temperature rise | 125°C, Prime |
| Governor: type, make/model | Mechanical | Bearing: quantity, type | 1, Sealed |
| Frequency regulation, no-load to full load | Class A2 | Coupling | Flexible Disk |
| Frequency regulation, steady state | ISO 8528 G2 | Voltage regulation, | +/- 1% |
| Air cleaner type, all models | Dry, 1 | Rating Voltage | 415/230 |
| Battery charging alternator | 12 Volts | Prime rating at 125°C, kVA | 25 |
| Starter motor rated voltage (DC) | 12 Volts | | |
| Oil pan capacity with filter, L (qt.) | 6.5 | | |
| Radiator Capacity, L | 10.5 | | |

Controller

Using KOHLER make ADC controller in this range

ADC: Advanced Digital Controller

Controller Model Used :

| kVA Rating | Phase | STD / AMF | Controller Model |
|------------|-------|-----------|------------------|
| 25 | 1 | STD | ADC 2201 |
| 25 | 1 | AMF | ADC 2202 |
| 25 | 3 | STD | ADC 2203 |
| 25 | 3 | AMF | ADC 2204 |

All Genset Safety Parameters are monitored by Genset controller. i.e.

- V, A & Hz both 3 phase & 1 phase
- Emergency Stop
- Engine Start/Stop
- Water Temperature & Oil Pressure digitally displayed
- Over crank Protection
- Remote Start compatible
- Low Battery warning etc.

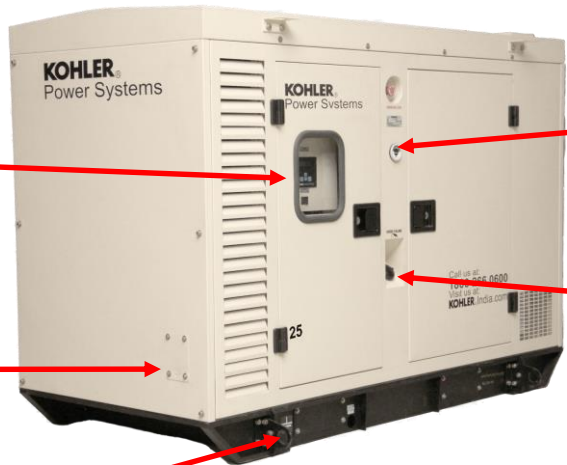
Enclosure Features

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 – 25 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
- Best in class Block loading capacity (70%)
 - ✓ Better stability of voltage and current
- Best in class canopy weight (831 kg)
 - ✓ Ease of handling
 - ✓ No compromise on structural rigidity
- Silencer inside canopy – unique for Kohler
- Special LED digital fuel level indicator
- Best in class canopy footprint (1.9 m²)

Thank you!