

Model: **KD20U/KD22**

# KOHLER POWER SYSTEMS

220-480 V

Diesel



## Ratings Range

|          |     | KD20U<br>60 Hz | KD22<br>50 Hz |
|----------|-----|----------------|---------------|
| Standby: | kW  | 20             | 18            |
|          | kVA | 25             | 22            |
| Prime:   | kW  | 18             | 16            |
|          | kVA | 22             | 20            |



With Available Enclosure Accessory

## Standard Features

- D Kohler Co. provides one-source responsibility for the generating system and accessories.
- D The generator set and its components are prototype-tested, factory-built, and production-tested.
- D A one-year limited warranty covers all systems and components.
- D John Deere engine with 12-volt battery charging alternator.
- D Mecc Alte single-bearing alternator with insulation class H.
- D Unit-mounted radiator with 50\_C (122\_F) ambient air capability.
- D Skid and vibration isolators.
- D Subbase fuel tank, 100 L (26 gal.).
- D Dry type air filter.
- D Main line circuit breaker.
- D Microprocessor controller.
- D Battery, battery rack, and cables.
- D Industrial 9 dB(A) reduction exhaust silencer (loose).
- D Operation and installation literature.

## Generator Set Ratings

| Alternator | Voltage | Ph | Hz | Standby Rating |      | Prime Rating |      |
|------------|---------|----|----|----------------|------|--------------|------|
|            |         |    |    | kW/kVA         | Amps | kW/kVA       | Amps |
| ECO28-1L   | 127/220 | 3  | 60 | 20/25          | 66   | 18/22        | 59   |
|            | 277/480 | 3  | 60 | 20/25          | 30   | 18/22        | 27   |
|            | 127/220 | 3  | 50 | 18/22          | 59   | 16/20        | 52   |
|            | 230/400 | 3  | 50 | 18/22          | 32   | 16/20        | 29   |

**RATINGS:** All three-phase units are rated at 0.8 power factor. See TIB-109 for generator set derate tables. Obtain the technical information bulletin (TIB-101) on ratings guidelines for the complete ratings definitions.

**PRP:** Prime power is available for an unlimited number of annual operating hours in variable load applications in accordance with ISO-8528/1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operating in accordance with ISO-3046/1.

**ESP:** The emergency standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO-8528/1. Overload is not allowed. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.