

DIESEL GENERATOR / ARC WELDER 6.3KVA ELECTRIC START, 180AMP WELDING OUTPUT.



Generator Features

- TYPE: **Diesel Silenced Brushless AVR**
- PHASE: **Single**
- RATED FREQUENCY: **50 Hz**
- AC VOLTAGE: **240 V**
- AC POWER FACTOR: **1.0**
- AC MAX. OUTPUT: **6.3KVA**
- AC CONTINUOUS OUTPUT: **5.7KVA**
- DC VOLTAGE: **12 / 8.3 V/A**
- DC OUTPUT: **90 W**
- PANEL: **Voltmeter + DC Socket + 2 AC Socket**
- AC OUTLETS: **2 Water Proof** complies with A.S.
- 100% Copper Core permanent magnet Brushless Alternator - Dual Ball bearing - fully enclosed
- Heavy Duty Sturdy Frame & Durable Enclosure with pull handles and wheels
- Reliable Single Chip **Digital AVR** -Automatic Voltage Regulation
- **ELCB** Protection
- Fail Safe engine protection : Low oil pressure shut off, overspeed, start fault, external fault, speed control, temperature control
- Heavy duty Castors for easy relocation
- Electric Start- with 22AH/12V self-charging battery
- Net weight **154kg**
- Overall dimension [mm](L×W×H) **780×485×580**

Welder Features

- ADJUSTABLE CURRENT: **50 - 200 A**
- RATED CURRENT: **180 A**
- WELDING VOLTAGE NO-LOAD: **55 - 65 V**
- RATED OUTPUT: **4.8 kW**
- Noise level dB(A) (zero load-full load) **74-79**

Engine Features

- COOLING: **Air Cooled**
- SPEED: **3000 RPM**
- MAX. POWER OUTPUT: **10 HP**
- FUEL TANK CAPACITY: **15 Litres**
- Engine model: **KD186FE**
- DISPLACEMENT: **408 CC**
- START MODE: **Electric Starter + Auxiliary Recoil Starter**
- OIL TYPE: **SAE 10W/30 (above CC grade)**
- FUEL TYPE: **Diesel**
- RUN TIME CAPACITY: **10-12 Hours Continuous** (SUBJECT TO LOAD CAPACITY)
- 4 Stroke OHV Direct Injection - Single cylinder

NOTE:

Our generator sets are equipped with 'oil alert indicator and a 'Low oil level shut down system'.

This system will stop the engine automatically when oil level falls below the required correct level. This prevents accidents such as bearing seizures etc.

GENERAL FEATURES:

- **A new AVR** (Automatic Voltage Regulator) delivers non-fluctuating power. Compare to the first generation of AVR, the new AVR is much higher in performance.
- **Good reliability:** Thanks to advanced KOOP technology, such as well-proven crankcase design, high quality components and ongoing cooperation with 'Yanmar' engineers.
- **Economical running:** The direct injection system using the newly developed micro fuel injection pump assures superior combustions efficiency and minimise fuel consumption.
- **Less vibration:** In addition to the reduced weight of reciprocating parts, a balancer shaft and 4-point mounting system have been adopted for extremely smooth running with less vibration.

COMPLIES WITH CE, EC, EPA, CARB, CSA AND AS 3112

