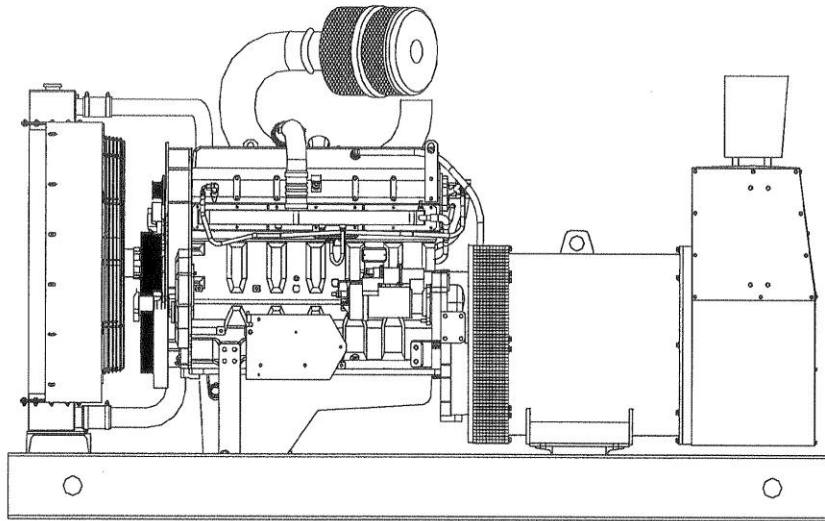


# DIESEL

# D250F\*J4

**250 KW @ 60 Hz.**  
Stand-By Power

**220 KW @ 60 Hz.**  
Prime Power



- Katolight's commitment to quality has been an industry standard since 1952.
- Katolight specializes in custom designing any application to meet the customers' most difficult specifications.
- Each and every unit is factory tested. This can eliminate costly startup and installation delays.
- Katolight supplies a broad range of accessories, fully integrated to our generator sets, to match any requirement worldwide.
- All generator set components and accessories are covered by Katolight with a limited two-year warranty. Optional warranty periods are also available.
- Katolight product accepts 100% of nameplate rating, per NFPA 110.

Katolight Model	Volts	Hz	Phase	Power Factor	Standby Amps	Standby Ratings kW/kVA	Prime Ratings kW/kVA	Connection
D250FRJ4	277/480	60	3	0.8	376	250/312.5	220/275	12 LEAD HI WYE
D250FPJ4	120/208	60	3	0.8	867	250/312.5	220/275	12 LEAD LOW WYE
D250FJJ4	120/240	60	3	0.8	752	250/312.5	220/275	12 LEAD HI DELTA
D250FNJ4	347/600	60	3	0.8	301	250/312.5	220/275	4 LEAD WYE
D250FGJ4	120/240	60	1	1.0	1,042	250/250	220/220	12 LEAD ZIG-ZAG

Form 250J/0302

# KATOLIGHT

## D250F\*J4 Diesel Gen-Set

### STANDARD EQUIPMENT

#### CONTROL PANEL

- Model #45 control panel
- AC voltmeter, 3 1/2", 2% accuracy
- AC ammeter, 3 1/2", 2% accuracy
- Combination VM/AM selector switch, 4 position
- Frequency meter, 3 1/2", 55-65 Hz.
- Vibration shock mounts (4)
- Engine control - KASSEC-12 or 24 VDC, with cyclic cranking timer
- 4 engine shutdowns with separate failure lights
  - \* High water temperature / Low water level
  - \* Low oil pressure
  - \* Engine overspeed
  - \* Engine overcrank
- Engine gauges - 2"
  - \* Battery voltmeter
  - \* Water temperature
  - \* Oil pressure
  - \* Running time meter - 5 digits
- 3 position mode switch (auto-off-manual)

#### ENGINE

- Air cleaner
- Fuel pump
- Fuel filter
- Oil pump
- Full flow oil filter
- Jacket water pump
- Thermostat
- Exhaust manifold - dry
- Oil cooler
- Blower fan & fan drive
- Radiator - unit mounted
- Vibration isolators - pad type
- Electric starting motor - 24v

#### ENGINE (cont.)

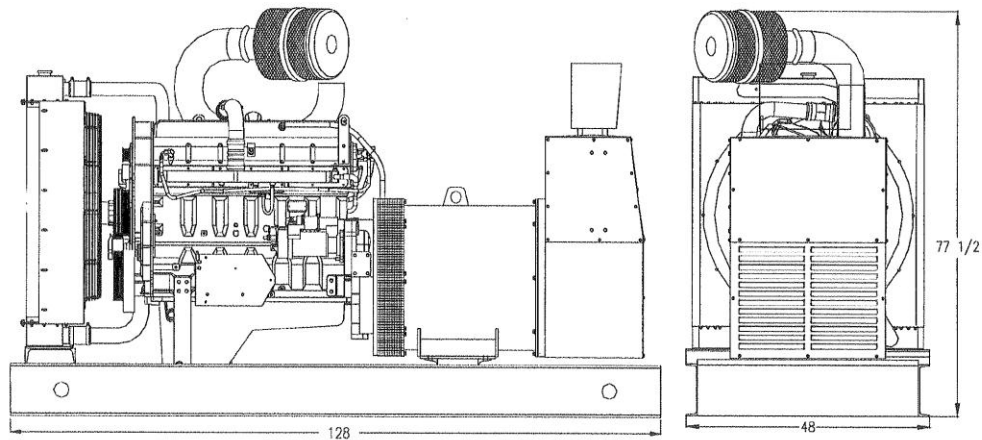
- Turbocharged
- Governor - JDEC
- Base - formed steel
- Housing & flywheel
- Charging alternator - 24v
- Battery box & cables
- Flexible fuel & exhaust connectors

#### GENERATOR

- A.C. Generator
- Brushless design
- Single bearing
- Direct connection with flex plate
- Class H insulation
- All models manufactured to meet NEMA MG1-22.4 and CSA standards
- Telephone influence factor is well within NEMA standards
- Wave form deviation factor is no more than 5%, well within NEMA standards
- Harmonic content is 3.0% maximum
- Permanently lubricated ball type bearings
- Generator is self-ventilated
- Drip-proof construction

#### VOLTAGE REGULATOR

- Voltage adjust rheostat
- EMI filter (Internal Electromagnetic Interference)
- Underspeed protection
- Overexcitation protection
- Fully encapsulated
- Regulation -  $\pm .25\%$



For illustration purposes only.

# KATOLIGHT

## D250F\*J4 Diesel Gen-Set

### STANDARD EQUIPMENT

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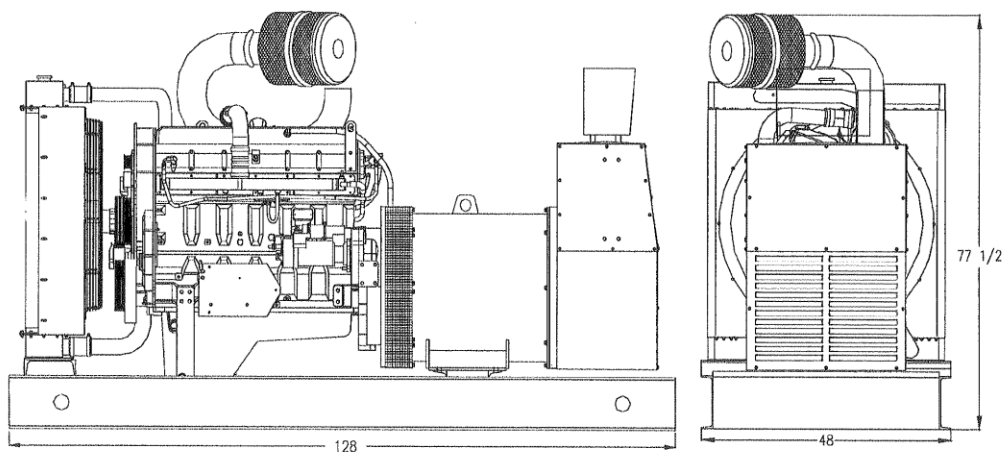
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