

**Custom Product Series**

Katolight's Custom Product (CP) Series engine generator sets are available in a multitude of configurations. We have the ability to custom build to the most demanding specifications in the market, minimizing the need for time consuming and costly modifications at the job site. The result is an engine generator set that arrives at the job site which has been factory engineered, built and tested. Our distributor network, consisting of factory certified technicians, ensures that the equipment is properly installed and implemented.



The CP Series offers numerous options. From the brand of engine to the brand of battery charger, we can meet your preferences. We can provide a wide variety of options for control panels, load banks, voltage selector switches, water jacket heaters, silencers, mainline circuit breakers, paint colors, cooling systems, annunciation, fuel tanks, and many other options. No one in the industry can match Katolight's ability to customize and engineer generator sets to a customer's specific requirements.



Fuel	kW Range	Frequency	Voltage
LP Gas	15 kW - 700 kW 12 kW - 580 kW	60 hz 50 hz	Single & Three Phase
Natural Gas	15 kW - 800 kW 12 kW - 650 kW	60 hz 50 hz	Single & Three Phase
Diesel	15 kW - 2800 kW 12 kW - 2480 kW	60 hz 50 hz	Single & Three Phase
Diesel, LP Gas, Natural Gas	15 kW - 200 kW	400 hz	Three Phase
Diesel	300 kW - 2800 kW 250 kW - 2480 kW	60 hz 50 hz	Medium Voltage



**KATOLIGHT** CORPORATION Dependable Power Solutions ... It's All We Do!



## Standard Features

### Engine Features:

- ◆ Radiator cooled
- ◆ Starter and alternator
- ◆ Oil pump and filter
- ◆ Air cleaner
- ◆ Mechanical governor 3-5%
  - standard up to 230 kW diesel
- ◆ Isochronous governor
  - 250 kW diesel and higher
  - standard on all gaseous models

### Control Panel Features:

- ◆ 45 Series panel
  - 4 LEDs
  - 5 engine shutdowns: OS, OC, LOP, HWT, LCL
- ◆ Gauges
  - oil pressure, battery charging voltmeter, running time meter and engine temperature
- ◆ Meters—2% accuracy
  - voltmeter
  - ammeter
  - frequency meter
  - three position engine control switch
- ◆ Generator features
  - brushless single bearing, direct coupled
  - automatic voltage regulator
  - over-excitation protection
  - under-frequency compensation protection
- ◆ Additional standard features
  - oil drain extension
  - fuel flex
  - exhaust flex
  - battery cables
  - vibration pads

### Optional Features:

- ◆ Cooling systems—high ambient temperature options
  - remote (vertical or horizontal) radiators
  - heat exchangers
- ◆ Isochronous governors—load sharing and paralleling controls
- ◆ Control panels
  - 50 Series—12 LED NFPA 110 panel
  - KDGC 500—digital NFPA 110 panel
  - KDGC 2001—digital, remote communication capable
  - KDGC 2000—digital, additional monitoring and remote communications
  - custom control panel
- ◆ Generators
  - Note: Marathon standard but we do offer choice of Kato, Leroy Somers, Newage, and others
  - PMG
- ◆ Mainline circuit breakers
  - Note: Our standard MLCB is GE, 80% rated, thermo magnetic type trip (up to 1200 amps). Above 1200 amps electronic, 100% rated insulated case type breakers are standard.
  - Siemens, Cutler-Hammer, and Square D are available
  - 100% rated breaker
  - fusible disconnects
- ◆ Silencers—industrial, residential, critical, hospital grade available
- ◆ Battery chargers—ferro-resonant, solid state, dual rated, or preferred manufacturer
- ◆ Batteries, lead acid or NiCd



**KATOLIGHT**® Dependable Power Solutions ... It's All We Do!

CORPORATION

100 POWER DRIVE MANKATO, MN 56001

PHONE 507.625.7973 FAX 507.625.2968 TOLL FREE 800.325.5450 [www.katolight.com](http://www.katolight.com)