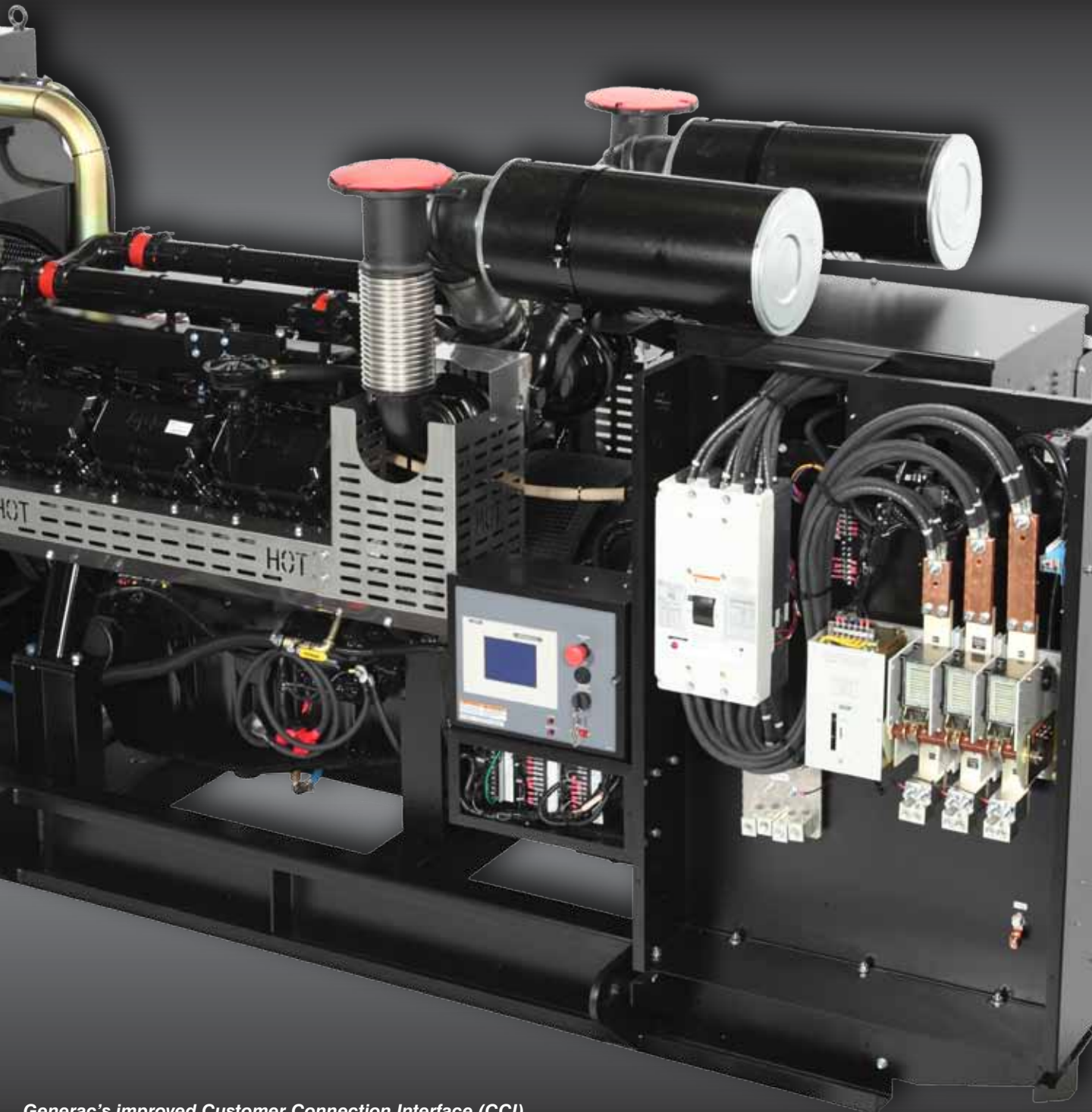


CUSTOMER CONNECTION INTERFACE

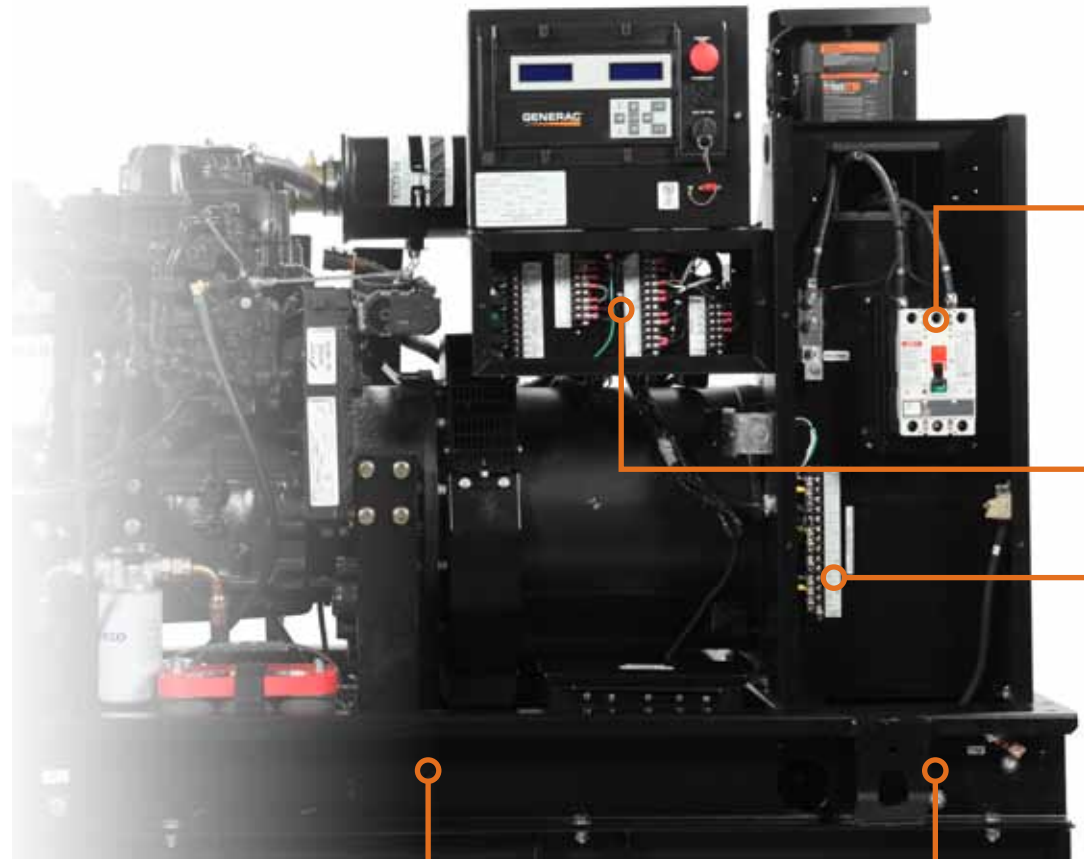


*Generac's improved Customer Connection Interface (CCI)
on a 600kW Modular Power System (MPS) genset*

Even Easier TO INSTALL, CUSTOMIZE AND USE

LISTENING TO OUR CUSTOMERS

Generac has made numerous improvements to its Customer Connection Interface (CCI)—the first of their kind in the industrial sector. The direct result of many focus groups Generac conducted with electrical contractors and engineers, the CCI improvements make all Generac Industrial Power systems even more customizable, user-friendly, and—above all—easy to install.



Easier to Wire: Circuit breaker repositioned to provide more room for cable regrouping, and to allow cables to run straight into the breaker bays—with or without cable glanding.

Discrete High and Low Voltage Terminal Connections: Separated to meet updated UL2200 requirements.

Low voltage control connections relocated beneath the control panel. These include two-wire start, communications, alarm relay outputs, etc.

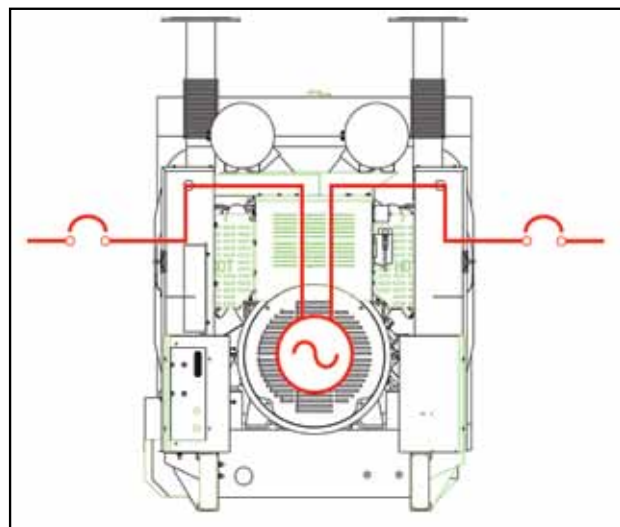
High voltage power connections located in the circuit breaker module, and used for auxiliary items like the battery charger, block heater, and GFCI. This strip is removed if a load center is used.

Pictured: Generac 50kW diesel-fueled genset

Separate High and Low Voltage Stub Up Locations:

Low voltage stub up will be either in the middle area, between the breaker stub up (on units with a fuel tank), or directly below the low voltage terminal strip (on units without a fuel tank).

High voltage stub up is directly below circuit breakers, or below the paralleling contactor for Modular Power Systems (MPS).

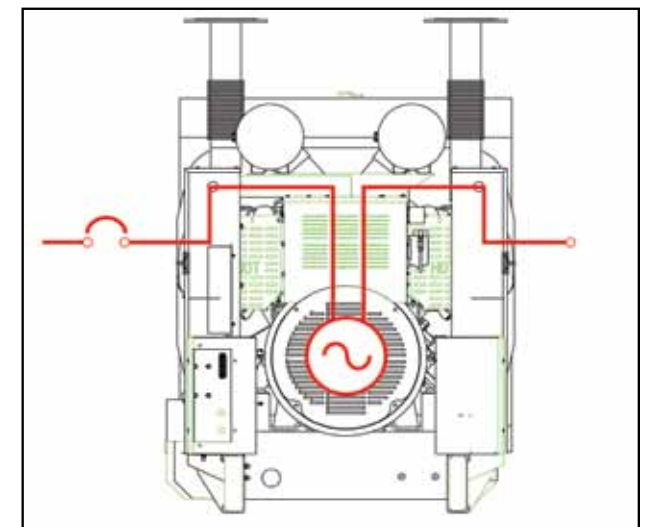


A primary and secondary circuit breaker can be installed in each of two circuit breaker bays.

OPTIONAL CIRCUIT BREAKER AND MAIN LUG CONNECTIONS

Some inspectors extend the additional guidance in NEC 700.9 (2008) about separating emergency and non-emergency circuit breakers within a distribution panel to the separation of circuits inside a generator connection box.

As a result, the CCI configuration was modified to have two physically separated breaker bays. Circuit breakers or main lugs can be installed in either bay to support different applications.



A main lug connection can be installed in one of the two circuit breaker bays to support applications that require main lug connections for easier selective coordination or for easier load bank access.

Additional Improvements

FOR EASE OF USE AND LONG LIFE

CONTROL PANELS

Generac's digital control PowerManager® platform includes:

- H-Panel used for all diesel and gaseous-fueled single generator sets
- G-Panel used for all Bi-Fuel™ and MPS generator sets
- Load centers and GFCI duplex receptacles optional on all units

ENCLOSURES

Generac's enclosures are designed for performance and durability:

- Post-free twin doors (barn door style) for larger openings and unobstructed service access
- Gasket-free, interconnected roof panel joints for drip- and maintenance-free roofs
- Heavy-duty stainless steel hinges with nylon spacers for corrosion-free removable doors
- Two-point door latch system to seal out water and seal in noise
- Lockable turn-and-tuck stainless steel latch handles do not protrude
- Dense, closed cell foam insulation with reflective silver Mylar layer for reduced noise, improved visibility, and reduced radiant heat exposure



GENERAC® | **INDUSTRIAL
POWER**

Generac Power Systems, Inc.
S45 W29290 Hwy. 59
Waukesha, WI 53189
1-888-GENERAC (1-888-436-3722)