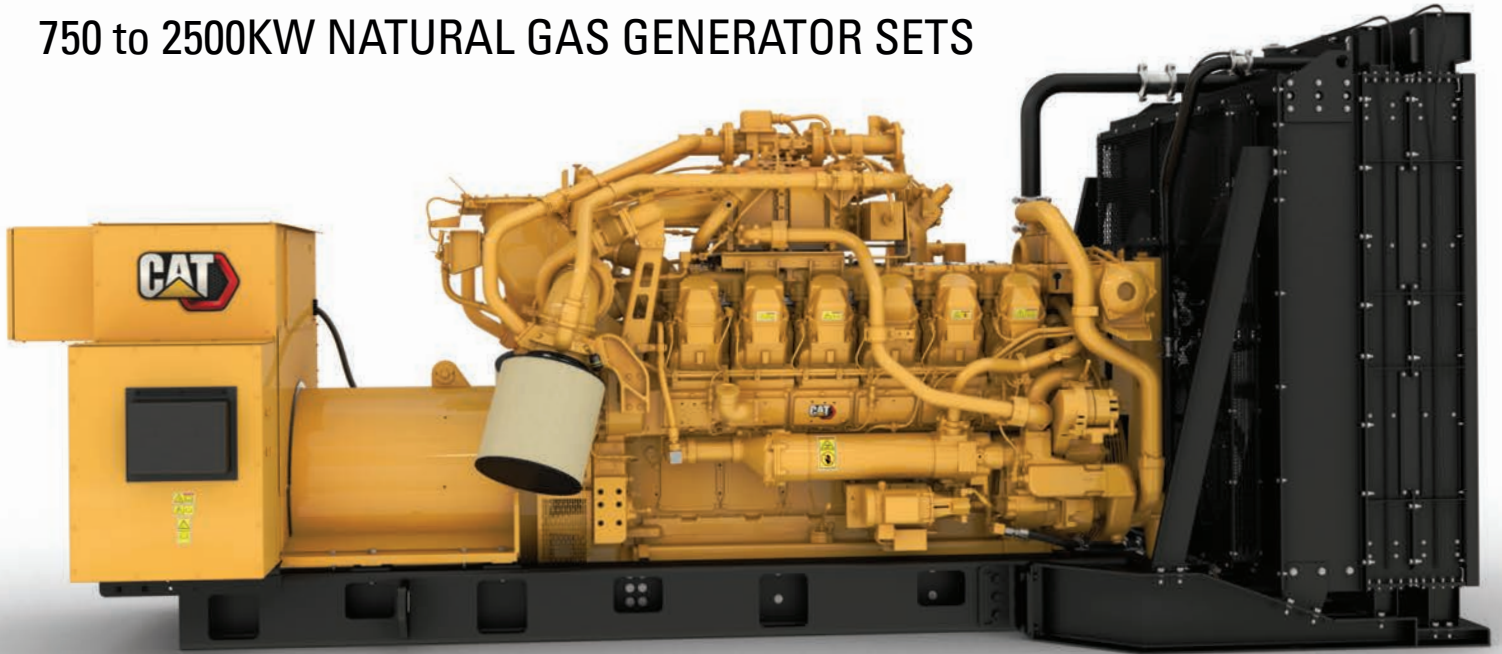


NEW EPA CERTIFICATION

CAT G3512

750 to 2500KW NATURAL GAS GENERATOR SETS



NOW YOUR STANDBY EMERGENCY GENSET CAN ALSO PRODUCE REVENUE

With the introduction of their models **G3512** and **G3520** EPA Certified gas fueled gensets, Cat® has combined the capability to operate in emergency-standby mode with the revenue generation capabilities of gas fueled gensets. One genset to operate in emergency-standby, load management, demand response peak shaving, and island mode applications.

- > Available in 750, 1000, 2000 and 2,500eKW Nominal Outputs
- > US EPA Certified at 1.0 gr. / bhp-hr. NOx*
- > Available with Standby, Prime, or Continuous Ratings
- > UL 2200 Listed
- > Black Start Comes Standard
- > American Made in Lafayette, IN
- > Meets Most of the Governments Buy America Provisions**

* Specific localities may have more stringent emission requirements.
** We are pleased to confirm specific FAR clauses

LET'S GET TO WORK.®

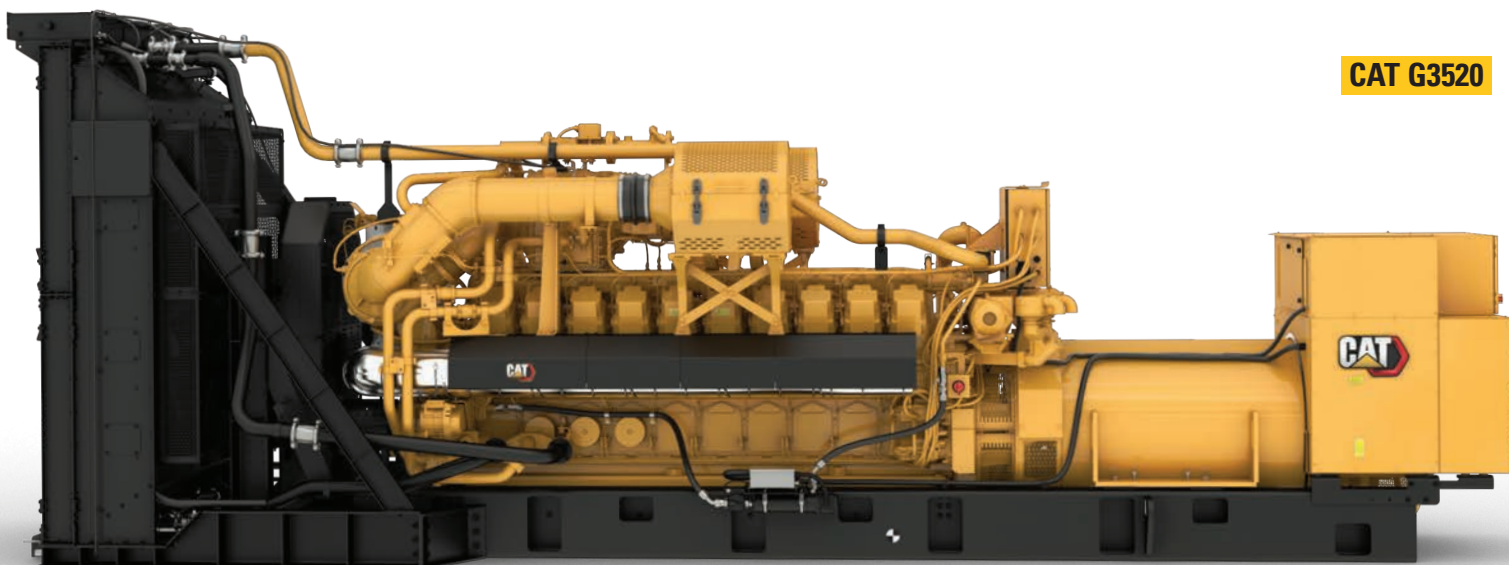
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POWER
SYSTEMS

CAT G3520



10-SECOND START

Gensets can start and accept loads between 7 and 10 seconds from enable command, depending on site conditions (per NFPA 110, level 1, type 10).

LOW INLET GAS PRESSURE REQUIREMENTS (1.5 TO 5.0 psig)

At these capacity nodes, some manufacturers require significantly higher gas pressure, often requiring expensive first cost gas compressors, which also add parasitic load to the genset system and thereby decrease the genset published electrical efficiency.

BLACK START

Since they are designed as Emergency gensets, these gensets come standard with Black Start Capability.***

ISLAND MODE CAPABLE ****

*** Standard with engine driven pumps and radiator fan. When shore power is present while the genset is inactive, Gensets will start and operate based solely on a black start signal.

**** Designer to review Cat published load acceptance / rejection curves.

SUPERIOR LOAD ACCEPTANCE /REJECTION CHARACTERISTICS

Allows for better load tracking. Units can be Block Loaded to 100% and will meet ISO 8528-5, Class G2 and G3 loading. As an example, the G3520, 2,500KW genset can take a 25% block load while staying within G2 limits (frequency deviation of -12%, voltage deviation of -19% and max 3 seconds of recovery time).

EASE OF PACKAGING

With on-engine pumps and radiator fan /controls, these gensets are less expensive to house in enclosures. Cat® engineering has eliminated the need to install separate radiators, piping, and piping specialties between the genset and the radiators, cabin ventilation system, radiator, and ventilation fan motor starters and controls, passing along substantial savings to end users.

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