

PRODUCT SPECIFICATIONS FOR DG300 GC (3 PHASE)

GENERATOR SET SPECIFICATIONS

Frequency	60 Hz
Natural Gas Rating	300 eKW
Emissions/Fuel Strategy	U.S. EPA Certified for Stationary Emergency Application
Displacement	864.71 in ³
Speed	1800 rpm

ENGINE SPECIFICATIONS

Engine Model	14.2 L Spark - Ignited
Compression Ratio	9.5:1
Fuel System	Electronic
Bore	5.31 in
Stroke	6.5 in

GENERATOR SET DIMENSIONS

Length	136 in
Width	57.6 in
Height	66.1 in
Weight	6274 lb

DG300 GC (3 PHASE) STANDARD EQUIPMENT

COOLING

Closed coolant recovery system

50/50 Ethylene glycol antifreeze

Factory-installed radiator

Standard ambient temperatures up to 50°C (122°F)

Radiator and cooling fan complete with protective guards

AIR INLET

Single element air filter

FUEL

Low fuel pressure switch

Primary and secondary fuel shut-off

Fuel pressure test po

Dual lock off valves

Natural Gas or LP Vapor

NPT connection

EXHAUST

Exhaust outlet with 3" pipe

GENERATOR

Full load capacity alternator

Class H insulation material

Permanent magnet excitation

Matched to the performance and output characteristics of Cat engines

Class H insulation material

Integrated Voltage Regulator

Permanent magnet excitation

IP23 Protection

Full load capacity alternator

CONTROLS

EMCP 4.2 Series generator set controller

MOUNTING

MOUNTING

Vibration isolaton (puck type)

Rubber vibration isolators

ELECTRIC STARTING AND/OR PRELUBE

Engine electrical system

Battery cables

Solenoid activated starter motor

Solenoid activated starter motor

ELECTRIC POWER - PACKAGE SERIAL NUMBER PREFIX

Battery charging alternator

GOVERNOR

Electronic governor (non adjustable)

CONTROL PANEL

EMCP 4.2 Series generator set controller

STARTING/CHARGING

Batteries with rack and cables

12 volt starting motor

DG300 GC (3 PHASE) OPTIONAL EQUIPMENT

STARTING/CHARGING

Charging alternator

Battery charger – UL Listed 10 amp

Jacket water heater

Battery heater

GENERAL

Suitable for Use as Service Equipment (SUSE)

UL 2200 package

Automatic transfer switches (ATS)

Enclosures: sound attenuated, weather protective

CSA Certification

CC-1 Certification:

GENERATOR

Anti-condensation heater

Shunt trip and auxiliary contact breaker

Thermal magnetic or electronic trip MCCBs

Oversize and premium generators

Excitation: [☐]Permanent Magnet Excited (PM)

Anti-condensation heater