



SpecializedPower.net | sales@specializedpower.net | 1.855.543.3704

300kW Cummins Powered Natural Gas Generator Set



Model	G-300GF	Rated current	570A
Rated power	300kW/375kVA	Power factor	0.8
Standby power	330kW/413kVA	Controller	Auto PLC controller
Rated voltage	380V/220V	Speed Governor	Electric control
Rated frequency	60Hz	Fuel	Natural gas
Rated speed	1800 rpm	Gas Consumption	0.3m ³ /kW·h

* Sea-Level<1000m, Temp<40°C.

* Prime Power (PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97 (eqv ISO8528); A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation.

* Standby Power Rating (ESP): The standby power rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.



Air-fuel Mixer
IMPCO Brand / Made in USA




Gas Pressure Regular
Stable Pressure / Made in Italy



Electronic throttle
Reduce Fuel Consumption

Engine Technical Parameters	
Engine Model	CUMMINS/KTAA19-NG
Rated Power	330kW
Engine Type	In-line, Four Stroke, Electronic Ignition
Cylinder No.	6 in line
Bore ×Stroke	159×159mm
Displacement	19L
Compression ratio	10:1
Start Method	Electric
Crankshaft Rotation Direction	Inverse Hour (From Flywheel)
Cooling Method	Closed Water Cooling
Aspiration Type	Turbo charged and inter-cooling
Speed Governor	Electronic
Gas Mixer Formation	Pre-Mix
Rated Fue Consumption (m ³ /Kw·h)	0.25-0.3
Lubricating oil Temperature	<80°C
Lubricating oil Pressure	345-483 Kpa
Max -exhaust Temperature	600°C±25

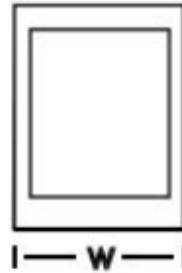
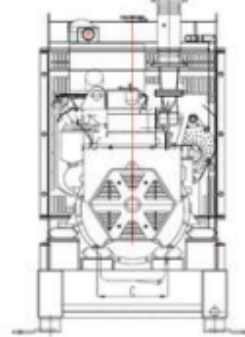
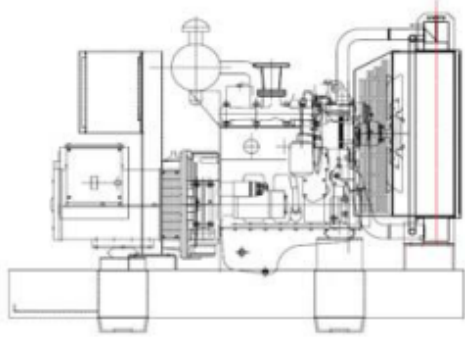
Electrical performance			
Voltage setting range:	≥±5%	Steady - state frequency regulation	≤5%
Steady-state voltage regulation:	≤±1%	Frequency fluctuation rate	≤1.5%
Transient voltage deviation (100% Sudden power reduction)	≤+25%	Transient frequency deviation (100% Sudden power reduction)	≤+12%
Transient voltage deviation (Sudden power plus)	≤-20%	Transient frequency deviation(Sudden power plus)	≤-10%
Voltage stabilization time (100%Sudden power reduction)	≤6S	Frequency recovery time (100%Sudden power reduction)	≤5S
Voltage stabilization time (Sudden power plus)	≤6S	Frequency recovery time(Sudden power plus)	≤5S

Control Panel	
	<p>DSE7320 Introduction:</p> <p>The DSE7310 is an Auto Start Control Module and the DSE7320 is an Auto Mains (Utility) Failure Control Module suitable for a wide variety of single, diesel or gas, gen-set applications.</p> <p>Monitoring an extensive number of engine parameters, the modules will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, remote PC and via SMS text alerts (with external modem). The DSE7320 will also monitor the mains (utility) supply. The modules include USB, RS232 and RS485 ports as well as dedicated DSENet® terminals for system expansion.</p> <p>Both modules are compatible with electronic (CAN) and non-electronic (magnetic pick-up/alternator sensing) engines and offer an extensive number of flexible inputs, outputs and extensive engine protections so the system can be easily adapted to meet the most demanding industry requirements.</p> <p>The extensive list of features includes enhanced event and performance monitoring, remote communications, PLC functionality and dual mutual standby (DSE7310 only) to reduce engine wear.</p> <p>The modules can be easily configured using the DSE Configuration Suite PC software. Selected front panel editing is also available.</p>



SpecializedPower.net | sales@specializedpower.net | 1.855.543.3704

Dimensions & Weight



Dimensions (in mm)
with Sound Attenuated Enclosure
4400(L) x 1900 (W) x 2400 (H)

Weight (in kg)
with Sound Attenuated Enclosure
4500kg

Genset Warranty

15 months or 1500 running hours from shipment date, subject to the earlier. If the quality problem arise during the warranty period, and verified that the problem is caused by our genset-body instead of external or natural reasons (Refer to all kinds of natural disaster, shipping, loading, unloading, wrong-operation, etc), we will supply the relevant spare parts free of charge for maintenance; after the warranty period, we can supply the required spare parts for you under cost price.