

Generator
Jenbacher 1000KWNGG

Document No G0810941
Date 15-Mar-07
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MODEL

Model reference	GN1000GASCON, GN77G
Model size and rating	1000 kW
Bill of Material reference number	B0000973A

MANUFACTURER

Model Reference	GE Jenbacher 1000KWNGG
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PERFORMANCE DATA

Design Rating	kW 1063
Maximum Ambient	°F 104

ELECTRICAL DATA

Prime Power (PRP)	kW 1063
Voltage Capability	480 @ 60Hz
Frequency	50/60Hz

ENGINE

Make/Type	Jenbacher J-320
Cylinders and Form (V)	20
Aspiration	Turbo/After Cooler
Governor Make/Type	Electronic
Steady State Frequency	0.5%
Battery Voltage (VDC)	V 24

CIRCUIT BREAKER

Rating	Amp 1600
Short Circuit Protection Range	65KA Amps

ALTERNATOR

Class F Temp Rise (105°C)-3ph	kW 1063
Make	Stamford
Regulation	1%

FUEL CONSUMPTION

100% Prime Power	US gal 10899	sq ³ ft (not US gal)
75% Prime Power	US gal 8416	sq ³ ft (not US gal)
50% Prime Power	US gal 5978	sq ³ ft (not US gal)

EXHAUST EMISSIONS

Specific Load	1063 100% Prime +/-2%
NOx - Oxides of Nitrogen	1.1 g/BHP-h
PM - Particulate Matter	0.0g/BHP-h

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CO - Carbon Monoxide 3.3 g/BHP-h
HC - Unburnt Hydrocarbons 0.22 g/BHP-h

EXHAUST SILENCER

Make/Type Jenbacher
Permissible back pressure 6 k-Pa(ins) 1.77 Hg

NOISE DATA

Sound Pressure at 7M/21Ft 74dBA

OTHER CAPACITIES AND DIMENSIONS

Lube Capacity (total) US gal 98
Coolant Capacity (JW) US gal 40

LIFTING

Forklift 4-Point (Twist Lock)

PHYSICAL CHARACTERISTICS

Length in 480
Width in 96
Height in 102
Gross Weight lbs 50,000
Net Weight lbs 48,000

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