

RENTAL POWER SOLUTIONS

UNIT # NG 150-1



SPECIFICATIONS & ADDITIONAL COMPONENTS

Bigg Star's Canadian-Made Compact Rental Power Solutions

At Bigg Star, we understand the importance of reliability and performance in power generation. That's why our new Star Series power generation units are designed to meet the toughest demands of Canadian industries, providing unmatched runtime in even the harshest conditions.

These custom-built, Canadian-made units are engineered with attention to every detail, ensuring durability and efficiency. We recognized a gap in the market for prime power generation units built specifically for the extreme

Canadian climate. Too often, power solutions fail to meet the needs of industries facing unpredictable weather and high demand for reliable, constant power.

With Bigg Star's Star Series, you get a cutting-edge power generation unit that delivers superior performance in the most challenging environments. Whether you're in construction, remote areas, or industrial operations, you can count on us for power you can trust, when you need it most.

PERFORMANCE

Base Rating	150 kW (185kVa)
Fuel	Natural Gas or Liquid Propane
Prime Output	150kW (185kVa)
Service Type	Prime (continuous use)
Mount	Skid
Voltage Output	480V, 3 Phase
Frequency	60HZ
Power Factor	Load Dependant, 0.8 PF
Packager	Bigg Star Generators Corp.
Year Built	2025

ENGINE

Make	Caterpillar
Model	3306TA
Cylinders	6 Inline
Displacement	10.5 liters (638 CU IN)
Power Ratings	211 HP (157kW) @ 1800 RPM

FUEL CONSUMPTION

100% Rated Load	8048 BTU/BHP-HR
Fuel Connection	Natural Gas - 2" NPTF
Fuel Connection LPG	1/2" NPTF
Emissions	EPA Tier 3

GENERATOR

Make	Stamford
Model	12 lead winding 311, PMG Excitation
RPM	1800

RADIATOR

Remote	Yes
Engine Mounted	No
Fan Drive Type	VFD 10 HP 480V Motor

ENCLOSURE/NOISE ATTENUATION

Enclosure	Walk-in winter enclosure
Model	Dual Doors

Insulated	Yes - Rockwool Safe 'n' Sound
Noise Level	Less than 60dB
Muffler Grade	Hospital Grade

CONTROL SYSTEM AND ELECTRICAL DISTRIBUTION

Main Controller	Deep Sea Electronics Start Touch Screen
Breaker Size	400 AMP
Transformer	15kVa 480 Primary 240 Secondary
Certification	CSA
Lighting	Inside and Outside
Distribution Panel	100 AMP

FEATURES

- 120/240VAC Lighting Panel
- 12VDC Catadyne Heater in Building
- 120V Engine Coolant Heater
- 120V Engine Oil Pan Heater
- 24VDC Engine Oil Prelube Pump
- Engine Oil Level Controller with Custom Day Tank
- Quick Connect Cam Lok Customer Electrical Connections
- 100% Concealed Electrical Wiring for Anti-theft
- Arctic cold weather package, designed for the coldest of temps
- 10 HP external mount variable speed cooling fan
- Custom Engine day tank and level controller
- Coolant Heater and Oil Pan Heater
- 12VDC Natural Gas Building Cata-Dyne
- Automatic Engine Pre-Lube Pump
- 100% Concealed electrical wiring for anti-theft

SHIPPING DIMENSIONS

Width	10 ft (3.048 metres)
Length	20 ft (6.096 metres)
Height	9 ft 6 in (2.8956 metres)
Weight Estimate	10,500 lb (4,763 kg)

CERTIFICATIONS

Package	CSA
Area Classification	General Purpose

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AUTOMATION

We understand the importance of flexibility, which is why our generators are equipped with an advanced central system designed to maximize run time and protect critical components. Our system controls and monitors key parameters like engine pyro temperature and vibration levels - alerting us to potential issues before they become problems. This proactive approach ensure uninterrupted power when you need it most - without unnecessary down time.



MONITORING

We include real time remote monitoring at no extra charge. This gives you instant access to key data like engine performance, temperature and run time. It helps you stay informed and in control wherever you are.



587.377.3616
www.BigStarGenerators.ca