

RENTAL POWER SOLUTIONS

UNIT # NG 140



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 power generation units are designed to meet the toughest demands of Canadian industries, providing unmatched runtime in even the harshest conditions.

These 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.

PERFORMANCE

| | |
|----------------|-------------------------------|
| Base Rating | 140kW (175kVa) |
| Fuel | Natural Gas or Liquid Propane |
| Prime Output | 140kW (175kVa) |
| Service Type | Continuous Prime Application |
| Mount | Skid |
| Voltage Output | 480V, 3 Phase |
| Frequency | 60HZ |
| Power Factor | Load Dependant, 0.8 PF |
| Packager | Bigg Star Generators Corp. |
| Year Built | 2023 |

ENGINE

| | |
|-------------------|---------------------------|
| Make | Caterpillar |
| Model | 3406NA |
| Cylinders | 6 Inline |
| Displacement | 18 liters (1099 CU IN) |
| Power Ratings | 215 HP (160kW) @ 1800 RPM |
| Compression Ratio | 10:3:1 |

FUEL CONSUMPTION

| | |
|---------------------|-----------------------|
| 100% Rated Load | 1877 SCFH |
| Fuel Connection | Natural Gas - 2" NPTF |
| Fuel Connection LPG | 1/2" NPTF |
| Emissions | EPA Tier 3 |
| Fuel Pressure | 10 PSI |

GENERATOR

| | |
|-------|-----------|
| Make | Marathon |
| Model | MagnaPlus |
| RPM | 1800 |

RADIATOR

| | |
|----------------|---------------------|
| Remote | No |
| Engine Mounted | Yes |
| Fan Drive Type | Engine Driven Belts |

ENCLOSURE/NOISE ATTENUATION

| | |
|---------------|-------------------|
| Enclosure | 20' Sea Container |
| Model | 20' High Cube |
| Insulated | No |
| Noise Level | Less than 70dB |
| Muffler Grade | Critical Grade |

CONTROL SYSTEM AND ELECTRICAL DISTRIBUTION

| | |
|--------------------|---------------------------------|
| Main Controller | Deep Sea Electronics Auto Start |
| Breaker Size | 400 AMP |
| Transformer | Yes |
| Certification | CSA |
| Lighting | Yes |
| Distribution Panel | Yes |

FEATURES

- Battery Disconnect Switch
- Coolant Level Sensor
- 120V Engine Coolant Heater
- Electronic Governor
- Electronic Ignition
- Engine Oil Level Controller with Custom Day Tank

SHIPPING DIMENSIONS

| | |
|-----------------|-----------------------|
| Width | 8 ft (2.4384 metres) |
| Length | 20 ft (6.096 metres) |
| Height | 9' 6" (2.8956 metres) |
| Weight Estimate | 10,500 lbs (4,762 kg) |

CERTIFICATIONS

| | |
|---------------------|-----------------|
| Package | CSA |
| Area Classification | General Purpose |

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587.377.3616
www.BigStarGenerators.ca