



Product features

Engine

- Natural gas/propane 1800 rpm engine
- Engine air cleaner – normal duty
- Electronic governor, isochronous
- Engine starter, 12 VDC motor
- Shutdown – low oil pressure
- Extension – oil drain
- Engine oil

Fuel System

- Single fuel – natural gas or propane vapor, field selectable

Alternator

- 60 Hz, 120/240V, 1 phase, 4 lead, or 120/208V, 3 phase, 12 lead, 120 °C temperature rise at 40 °C ambient
- Exciter/voltage regulator – torque match

Control

- PowerCommand 1.1
- Display language – English
- Control mounting, right facing
- Stop switch - emergency

Electrical

- Single circuit breaker, UL certified, right-side mounted
- Battery charging alternator, normal duty
- Battery charger – 5 Amp, regulated

Cooling

- Generator set cooling capability – 50 °C
- Shutdown – low coolant level
- Engine coolant – 50/50 mixture
- Extension – coolant drain

Enclosure

- Aluminum enclosure Sound Level 1 with muffler installed, sandstone color
- Wind rating – 150 MPH

Code compliance

- UL 2200
- EPA emissions, emergency, stationary, 40CFR60
- IBC Seismic
- NFPA110 capable

Generator set application

- Battery rack
- Flexible fuel line
- Literature (English) – operator's manual, installation quick guide and manual, service manual

Warranty

- Base warranty – 2 year standby
- Extended warranties available

Packaging

- Shipping pallet, poly bag

Generator set performance

Governor regulation class: ISO 8528 Part 1 Class G3

Voltage regulation, no load to full load: ±1.0%

Random voltage variation: ±1.0%

Frequency regulation: Isochronous

Random frequency variation: ± 0.25% @ 60 Hz

Radio frequency emissions compliance: Meets requirements of most industrial and commercial applications

Engine

Design: Naturally aspirated

Bore: 86.5 mm (3.4 in)

Stroke: 100.0 mm (3.94 in)

Displacement: 2.4 liters (143.5 in³)

Cylinder block: Cast iron, in-line 4 cylinder

Battery capacity: 550 amps at ambient temperature of 0 °F to 32 °F (-18 °C to 0 °C)

Battery charging alternator: 50 amps

Starting voltage: 12 volt, negative ground

Lube oil filter type(s): Spin-on with relief valve

Standard cooling system: 50 °C (122° F) ambient cooling system

Rated speed: 1800 rpm

Control system

The PowerCommand® electronic control is standard equipment and provides total generator set system integration including automatic remote starting/stopping, precise frequency and voltage regulation, alarm and status message display, output metering, auto-shutdown at fault detection and NFPA 110 Level 1 compliance.

Sound attenuated enclosure

The aesthetically appealing enclosure incorporates special designs that deliver one of the quietest generators of its kind. Aluminum material plus durable powder coat paint provides the best anti-corrosion performance. The robust design is capable of withstanding winds up to 150 MPH and the intelligent design has removable panels and service doors to provide easy access for service and maintenance.

Average fuel consumption

Fuel consumption – natural gas

Load:	1/4	1/2	3/4	Full
Ft ³ /hr:	120.1	173.0	225.9	278.8
M ³ /hr:	3.4	4.8	6.3	7.8

Fuel consumption – LP vapor

Load:	1/4	1/2	3/4	Full
Ft ³ /hr:	49.7	70.7	91.7	112.7
M ³ /hr:	1.4	2.0	2.6	3.2
Gal/hr	1.4	2.0	2.5	3.1

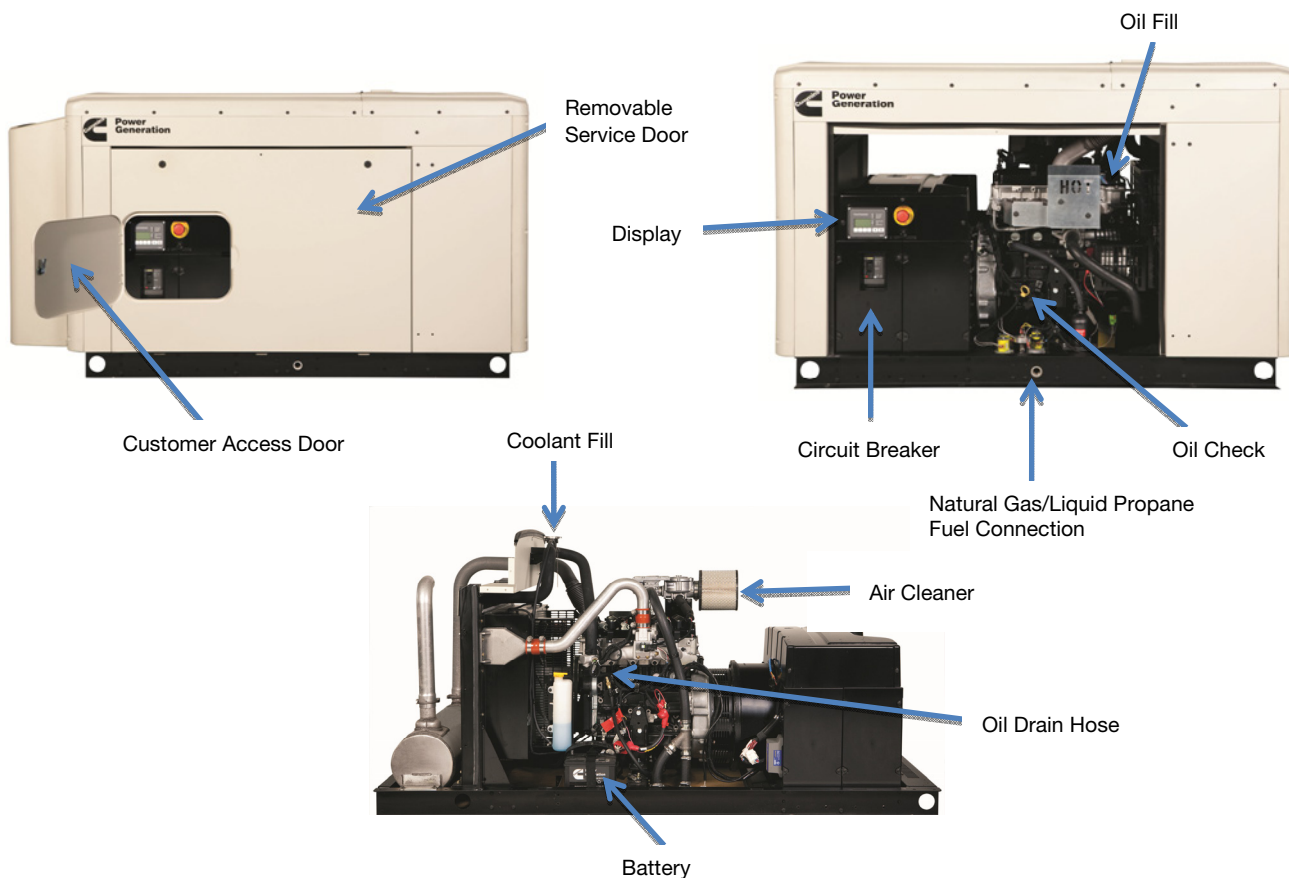
Conversion factor:

8.58 ft³ = 1 lb

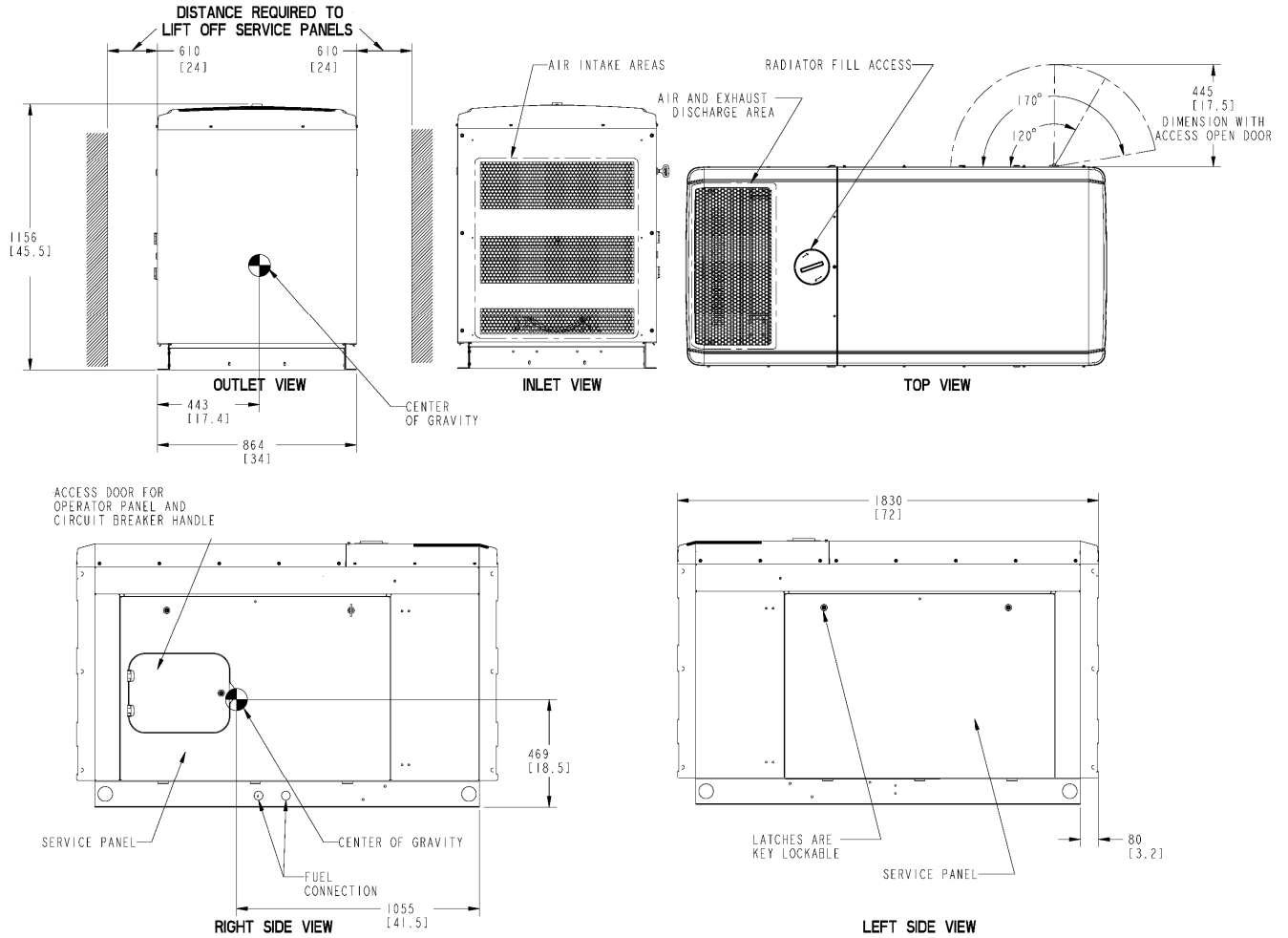
0.535m³ = 1 kg

36.39 ft³ = 1 gal

Easy service and installation

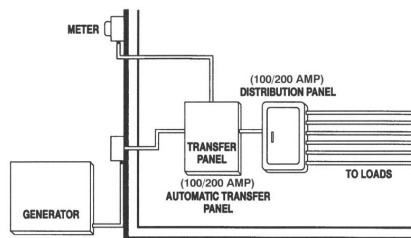


Basic dimensions

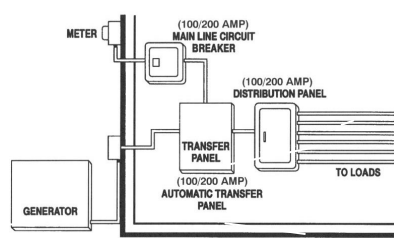


Note: This outline drawing is provided for general reference only and is not intended for use in design or installation. For more information, see Operators and Installation manuals or contact your distributor or dealer for assistance.

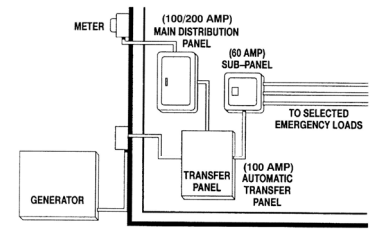
Automatic transfer panel configurations



Typical service entrance ATS model installation (100/200A)

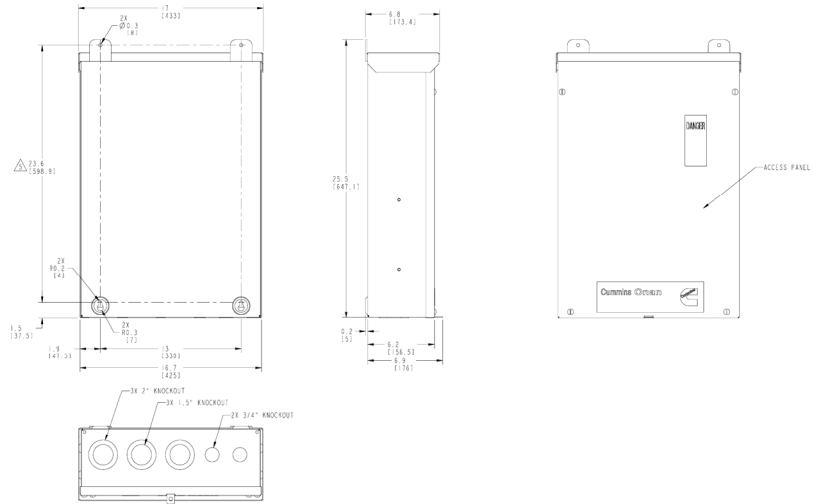


Typical non-service entrance ATS model installation (100/200A)

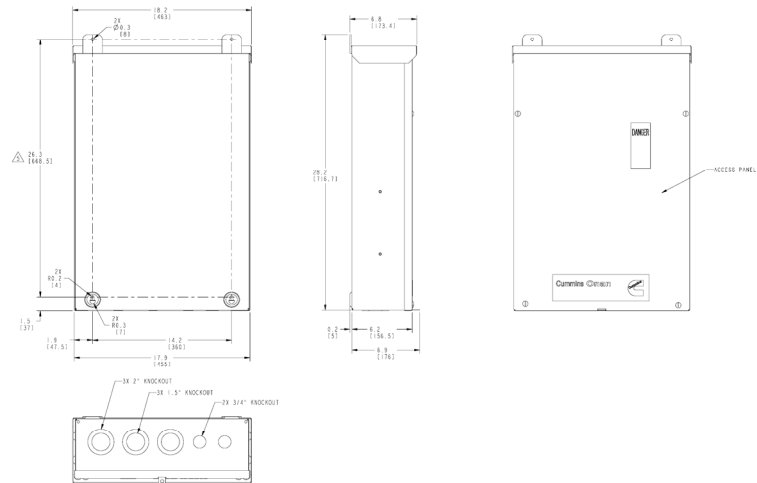


Dedicated emergency standby service system (100/200A)

100A Non-service entrance



200A Non-service entrance



100A and 200A Service entrance

