

EGX-10KW

Stationary backup gas generators -Air cooled

Applications



■ Residential



■ Commercial

Key Features

- 2-CYLINDER V-ENGINE.
- QUIET OPERATION.
- AUTOMATIC VOLTAGE REGULATION (AVR) $\leq 5\%$
- READY FOR CONNECTION TO AN AUTOMATIC TRANSFER SYSTEM.
- OPERATING PRESSURE (NATURAL GAS AND LP GAS): 1.7 kPa - 3.5 kPa.
- GENERATOR START-UP BATTERY INCLUDED.
- COMPATIBLE WITH WI-FI MODULE.
- REINFORCED METAL ENCLOSURE WITH DOUBLE ACOUSTIC INSULATION.



■ Enerwell Multifunction LCD Display

1 year / **1 000** hours
Limited Warranty



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Additional Accesories



MODEL	PRODUCT	DESCRIPTION
A-EGX-ATS63A	Automatic transfer switch	Utility power detection system with automatic switching between the utility supply and the generator when utility power is lost. When utility power returns, the system switches back to the utility supply and automatically shuts down the generator.
A-EGX-PCLTO/AIRE	Preheating system	Oil and battery preheating system for cold starts. It reduces wear and helps keep the generator ready whenever you need it.
A-EGX-WIFI	Wi-Fi module	Generator monitoring system from your phone or computer. You can view its status in real time, receive alerts, and review operating records from an iOS or Android app or from your PC.



*(Sold separately).

App Available for Monitoring



Genset Cloud



Compatibility requirements:

Android 11.0 or later

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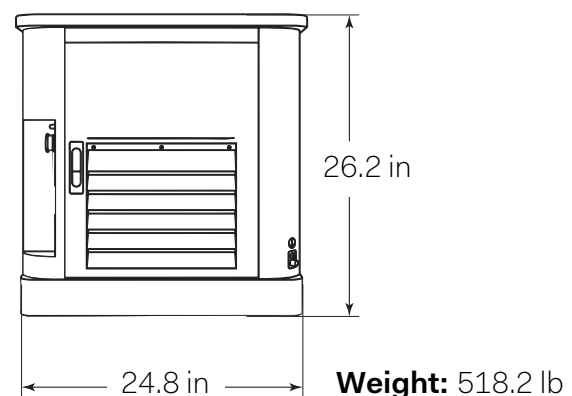
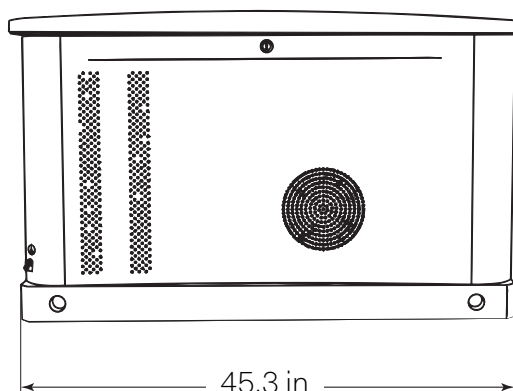
Performance data

GENERATOR	
Model	EGX-10KW
GTIN-13 (E-commerce code)	7503055941777
Maximum continuous rated power (LPG)	10 000 W*
Maximum continuous rated power (NG)	9 000 W*
Rated voltage	120 / 240 V~
Maximum rated load current (LPG/NG)	41.6 / 37.5 A
Total harmonic distortion	≤ 5%
Main line thermal-magnetic circuit breaker	45 A
Phases	1
Rotor pole count	2
Rated AC frequency	60 Hz
Power factor	1
Battery charging method	12 V $\overline{=}$ / 3 A charging coil
Battery amp-hour rating	36 Ah
Cranking current in warm weather	370 CCA
Cranking current in cold weather	445 CCA
Operating noise level at high speed at 23 ft	66 dB
Sound test duration	15 s

ALTERNATOR	
Type	Brush-type
Coupling	Direct
Stator and rotor	Copper
Insulation class	F

MOTOR	
Engine type	Enerwell 2-cylinder V-engine
Valve configuration	Overhead valve
Displacement	678 cc
Compression ratio	8.5:1
Operating speed	3 600 r/min
Oil capacity (not included)	47.3 oz
Cylinder block	Aluminum with cast-iron cylinder liners
Ignition system	Transistorized contactless ignition
Control system	Electronic
Lifter type	Solid
Starter	12 V $\overline{=}$
Gas fuel consumption	
LP at 50% load	3.1 lb/h
LP at 100% load	4.4 lb/h
Natural at 50% load	98.9 ft³/h
Natural at 100% load	155.4 ft³/h
Operating pressure	0.25 - 0.51 psi

*If the equipment is operated at altitudes above 3 297 ft (1 005 m) or in temperatures exceeding 104 °F (40 °C), power is reduced by 4% for every 1 000 ft (305 m) and by 2% for every 50 °F (10 °C) above 104 °F (40 °C)



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Automatic Transfer System

Model			A-EGX-ATS63A
Number of phases			1
Poles			2
Rated current			20 - 63 A
Operating voltage			230 V~
Mounting method			Terminal post
Transfer mode			Manual/Automatic
Wiring method			Front
Connection cable length			9.8 ft
Ingress Protection			IP23
Operating current			
100 V $\overline{\text{=}}$			3 A
100 - 110 V~			
200 - 220 V~			1.5 A
Trip current			
100 V $\overline{\text{=}}$			1 A
100 - 110 V~			
200 - 220 V~			0.5 A
Performance			
Short-time withstand current			5 kA
Rated conditional short-circuit current			12.5 kA
Connection and disconnection capacity			AC-33B (Connection 10Ie • Breaking 8Ie) cos=0.35 DC-33B (Connection 1.1Ie • Breaking 1.1Ie) L/R = 1 ms
Transfer timer	Side A	Control	55 ms
		Disconnection	20 ms
	Side B	Control	80 ms
		Disconnection	20 ms
	Service life		Electrical: 2 500 operations, Mechanical: 10 000 operations
Closing delay when utility voltage returns (MCT)			Adjustable from 0 to 60 seconds
Closing delay when generator starts (GCT)			
Operating cycles			120 operations per hour

Dimensions in inches

