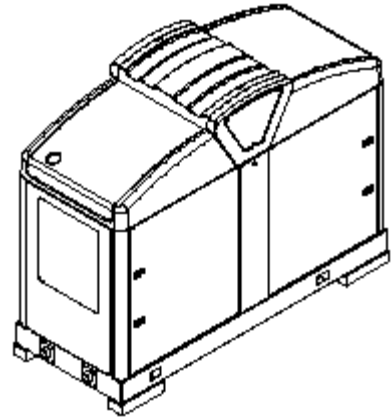


75 kW Standby Generator Package

- Increased power reliability and quality

The energy|now™ ENI 75 Standby is a prepackaged on site energy system which utilizes a stoichiometric GM natural gas engine. The ENI 75 Standby can eliminate the possibility of black outs to your business.

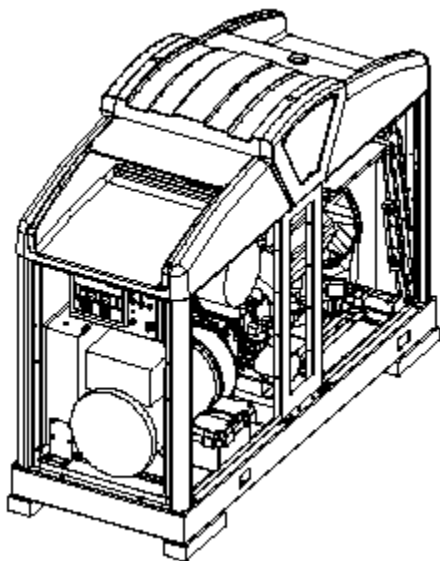


Features

- 8.1 liter GM Industrial Engine
- 277/480 VAC 3 - Phase Power standard
- High efficiency synchronous generator
- Low noise
- Grid parallel capability

Optional Equipment

- Load Dump Radiator Package
- 120/208 VAC 3-Phase Power



The ENI 75 Standby package is centered around the proven GM 8.1 liter industrial engine and state of the art controls which enable best in class efficiency. The small footprint of the package allows for easy installation at most locations

*Increase your uptime and
sensed security with the
ENI 75 Standby*

ENGINE SPECIFICATIONS

MAKE	GM
MODEL	8.1 VORTEC
CYLINDERS	V-8
DISPLACEMENT	496CI (8.1L)
BORE	4.25IN (108mm)
STROKE	4.37IN (111mm)
COMPRESSION RATION	9.1:1
INTAKE AIR	Naturally Aspirated
NUMBER OF MAIN BEARING _S	5
CONNECTING RODS	Forged
PISTONS	Hypereutectic
CRANKSHAFT	High-density nodular iron

VALVE TRAIN

LIFTER	Hydraulic Roller
Intake Valve	Stellite
Exhaust Valve	Stellite
Valve Seats	Hardened

LUBRICATION

OIL PUMP	OEM Gear Driven
FILTER	Spin On
CRANKCASE CAPACITY	14 quarts

FUEL SYSTEM

NATURAL GAS	Standard
CARBURETOR	Woodward 475
FUEL REGULATOR	Maxitrol
AUTOMATIC FUEL LOCKOFF	ASCO
OPERATING FUEL PRESSURE	0.5 PSIG

COOLING SYSTEM

TYPE	Pressurized Mechanical drive
WATER PUMP	Pre-lubed self-sealing

ENGINE GOVERNOR

ELECTRONIC	eControls
EGCP-2 Customer Interface	Standard

ELECTRICAL SYSTEM

BATTERY CHARGER	3amp @ 12VDC
STARTER	12V
GROUND POLARITY	Negative

GENERATOR SPECIFICATIONS

TYPE	Synchronous
WIRING	12 Lead
TOTAL HARMONIC DISTORTION	<3%
ALTERNATOR	Self-ventilated and drip-proof
BEARINGS	Single Bearing
LOAD CAPACITY	100%

EXCITATION SYSTEM

BRUSHLESS	12-lead re-connectable Magnetically coupled DC current
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REGULATION

SOLID STATE	Steady State +/-0.5%
MAXIMUM UNBALANCE CONTINUOUS	3.00%
MAXIMUM UNBALANCE STANDBY	5.00%

TEMPERATURE RISE

MAXIMUM RISE CONTINUOUS	NEMA 105 C
MAXIMUM RISE STANDBY	NEMA 105 C

OPERATING

	CONTINUOUS	STANDBY
277/480 3-phase .8pf	75KW	80KW
FUEL CONSUMPTION	950ft ³ /hr	1013ft ³ /hr
EXHAUST FLOW	825lb/hr	930lb/hr
EXHAUST TEMP	1200F	1250F
RPM	1800	1800

SYSTEM FEATURES

TOUCH SCREEN DISPLAY FOR GENERATOR OPERATING PARAMETERS AND DIAGNOSTICS

UTILITY SYNCHRONIZING CONTROLS

GRID PARALLEL CAPIBILITIES

STORED ENERGY TYPE GENERATOR CIRCUIT BREAKER

WEATHERPROOF 9' ENCLOSURE

FULL ONBOARD LUBRICATING OIL

LOW NOISE

HOSPITAL GRADE ENGINE EXHAUST SILENCER

CABINET VENT FAN

FULLY LOCKABLE

Dimensions	ENI 75
Height	86" (2184 mm)
Length	112" (2845 mm)
Width	44" (1118 mm)
Weight	5400 lb (2449 KG)

