

# Lynx Power Systems

## SQ Series 30KW

### Diesel Generator

#### Generator Set Rating

120/240 Volts Single Phase

PF = 1.0

Frequency 60Hz

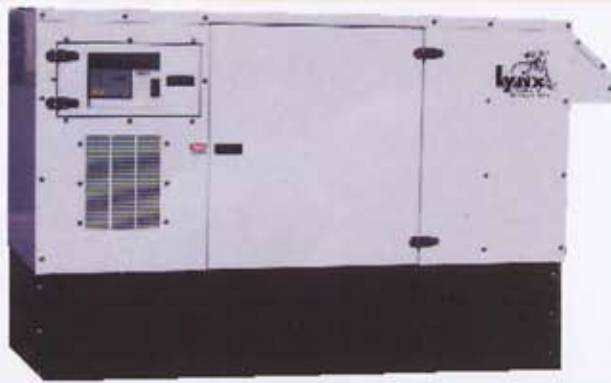
#### KW Output

##### Single Phase

Surge Power 30

Continuous Standby 27

Current 225/113A



#### Product Features

##### System Reliability and Longevity

begins with design experience, and integrity. LYNX has years of experience producing start-of -the art power generation equipment. This experience is designed into our complete line of generator sets.

**Single Source Responsibility:** Product service, support and parts are available through the LYNX nationwide network of distributors.

#### Quality Power Producing Equipment

Is our business at LYNX POWER SYSTEMS. Our Generators provide the solution to requirements for Reliable Quality Electrical Power for residential use.

- \* 100% full load tested.
- \* Performance supported by prototype testing.
- \* Automatic Voltage Regulated generator for exceptional motor starting capability and high reliability.

**Accessories and Flexibility** are designed into LYNX generator sets at the factory level to meet residential application needs.

LYNX POWER SYSTEMS has an Organized Commitment to innovative leading edge technology and environmentally friendly electrical products and services.



# SQ 30KW Diesel Generator

## Technical Specifications Model 30SQ

### Engine Specifications:

Manufacturer	Lombardini
Model	LDW2204T
Aspiration	Turbo
Cylinders	4
Displacement	2.2 Liter
Bore and Stroke	88mm X 90.4mm
Compression Ratio	22.8:1
HP	55.5HP @ 1800 RPM
Cooling System	Liquid Cooled
Lubrication System	Pressurized Oil
Oil Capacity w/Filter	5.5 Quarts
Governor Type	Mechanical

### Fuel Tank Capacity

Fuel Type	No. 2 Diesel
Fuel Tank Capacity	100 Gallon Single Wall Fuel Tank
Fuel Consumption at 100% load	2.18 Gal/Hr

### Generator Set:

Frequency Variation:	58.6 to 62.2 Hz.
Derating Factors:	
	3.5% per 1,000 ft. above Sea Level
	2.77% per 10° F above 110° F
Dry Weight:	1500 LBS
Basic Footprint:	72"L X 34"W X 48"H

### Generator

Generator mfg.	Marelli
Type	MJB160
Model	MB4
Speed	1800 RPM
Rated Voltage	120/240 60Hz
Rated Power	27 kVA
Voltage Accuracy	Approx. +/- 5%
Motor Starting kVA (At 35% Dip, 100% voltage recovery)	47.5 SkVA
Over Speed	2250 RPM
THF	Approx. 2%
Protection	IP 23
Cooling Flow	0.14 Cubic meter / sec.

### Isulation Class

Stator	H
Rotor	H

### Options:

Cold weather kit: required for ambient temperature below 25° F

For more information and the location of the Distributor nearest you, please call our LYNX Power Sales Team at (800) 814-6502. Or visit us on the web at: [www.lynxpower.com](http://www.lynxpower.com)



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