

# Power Cell DIESEL GENERATOR

Lambert Series  
Diesel Generator Set/50Hz  
EP-LM400KVA

## Features

- » Compact structure with high-strength chassis;
- » Easy operation and maintenance, low cost;
- » Excellent performance damping
- » Compliance with international electrical safety standards of electrical
- » 8 hours base tank;
- » High-performance maintenance-free batteries with isolation switch;
- » 50°C Radiator;
- » Forklift bottom hole design, easy to transport;
- » Industrial muffler;
- » Noise reduction structure, low noise;
- » Convenient power output interface;
- » IP56(control system);
- » Customized design for user;



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## Technical Data

Model		EP-LM400KVA
Prime power	kW	320.0
	kVA	400.0
Standby power	kW	352.0
	kVA	440.0
Rated voltage	V	400/230
Rated current	A	577.3
Sound level	dB(@7m)	≤80

## Engine

Brand	Lambert	
Model	D2655A3-1	
Aspiration	Turbo&Inter-coolec	
No. of cylinder	6	
Fuel injection system	Direct Inject	
Displacement	Liquid	11.59
Bore/Stroke	mm	126*155
Compression ratio	16	
Rated speed	rpm	1500
Rated power	kW	391
Governing method	Mechanical	
Starting Motor	V	24

## Exhaust System

Exhaust gas flow	m <sup>3</sup> /min	/
Exhaust gas temp	°C	/
Max back pressure	kPa	9.6

## Air Intake System

Max intake restrictio	kPa	/
Consumption	m <sup>3</sup> /min	/
Air flow	m <sup>3</sup> /min	/

## Fuel System

100% load	L/h	80
75% load	L/h	65
50% load	L/h	41
Fuel tank capacity	L	400

## Lubrication System

Oil capacity	L	35
Oil consumption	g/kw.h	≤4
Min oil pressure	Mpa	0.35-0.55

## Cooling System

Coolant capacity	L	53
Thermostat	°C	85-92
Top tank temperatur	°C	104

## Alternator

Model	STAMFORD	HCI444F
Phase	3.0	
Voltage	V	400/230
Wiring type	3 Phase 4 wire	
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	kW	320
Exciter type	Brushless,self-excitation	
Voltage regulation	%	±0.5
Protection grade	IP23	
Insulation grade	H/H	
Altitude	m	≤1000

## Controller

Model HGM6120N

- HGM6120N series genset controllers integrate digitization, intelligentization and network technology which are used for genset;
- automation and monitor control system of single unit to achieve;
- automatic start/stop, data measurement, alarm protection and “three remote” (remote control, remote measuring and remote communication;
- SG485 module must be fitted). It fit with LCD display, optional languages interface (Chinese, English, Spanish, Turkish, Russian and French), and it is reliable and easy to use.



## Dimension and Weight

	Open type
Model	EP-LM400KVA
Length(L) (mm)	3200
Width(W) (mm)	1200
Height(H) (mm)	1860
Weight (kgs)	2610