

Power Cell DIESEL GENERATOR

Lambert Series
Diesel Generator Set/50Hz
430KVA

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		LM430
Prime power	kW	340.0
	kVA	425.0
Standby power	kW	374.0
	kVA	467.5
Rated voltage	V	400/230
Rated current	A	613.4
Sound level	dB(@7m)	≤72

Engine

Brand	Lambert	
Model	D2655A407	
Aspiration	Turbo	
No. of cylinder	6	
Fuel injection system	direct injection	
Displacement	Liquid	11.5
Bore/Stroke	mm	126×155
Compression ratio	17	
Rated speed	rpm	1500
Rated power	kW	370
Governing method	Electrical	
Starting Motor	V	24

Exhaust System

Exhaust gas flow	L/s	1350
Exhaust gas temp	°C	500
Max back pressure	kPa	13

Air Intake System

Max intake restrictio	kPa	9.4
Consumption	L/s	510
Air flow	L/s	8180

Fuel System

100% load	L/h	75
75% load	L/h	53
50% load	L/h	40
Fuel tank capacity	L	770

Lubrication System

Oil capacity	L	28
Oil consumption	L/h	≤0.24
Min oil pressure	Mpa	241

Cooling System

Coolant capacity	L	66
Thermostat	°C	82-93
Top tank temperatur	°C	104

Alternator

Model	STAMFORD	HCI544C
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	340
Exciter type	Brushless,self-excitation	
Voltage regulation	%	±0.5
Protection grade	IP23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller

Brand	Smartgen
Model	HGM6120

- Generator & load power monitoring (kW, kV A, kV Ar, pf)
- Generator overload protection (kW)
- Generator/load current monitoring & protection
- Configurable analogue/digital inputs
- Configurable DC, volt-free and staged loading outputs
- CAN, MPU & alternator speed sensing
- Tier 4 CAN engine support
- Configurable event log (50)
- DSE Configuration Suite PC Software
- Fuel and start outputs (configurable on CAN)



Dimension and Weight

	Open type	Silent type
Model	EP-LM430	EPS-LM430
Length(L) (mm)	3150	4500
Width(W) (mm)	1350	1650
Height(H) (mm)	1900	2350
Weight (kgs)	4000	4800