

Power Cell RICARDO DIESEL GENERATOR

Ricardo Series
Diesel Generator Set/50Hz
150KVA



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;

Technical Data

Model	EPS-HC150	
Prime power	kW	120.0
	kVA	150.0
Standby power	kW	132.0
	kVA	165.0
Rated voltage	V	400/230
Rated current	A	216.5
Sound level	dB(@7m)	≤72

Engine

Brand	Ricardo	
Model	R6105IZLD	
Aspiration	Turbo&Inter-cooled	
No. of cylinder	6	
Fuel injection system	Direct Inject	
Displacement	Liquid	7.01
Bore/Stroke	mm	105*130
Compression ratio	16	
Rated speed	rpm	1500
Rated power	kW	132
Governing method	Mechanical	
Starting Motor	V	24

Exhaust System

Exhaust gas flow	m ³ /min	/
Exhaust gas temp	°C	/
Max back pressure	kPa	10

Air Intake System

Max intake restrictio	kPa	/
Consumption	m ³ /min	/
Air flow	m ³ /min	/

Fuel System

100% load	L/h	33
75% load	L/h	24.8
50% load	L/h	16.5
Fuel tank capacity	L	260

Lubrication System

Oil capacity	L	17
Oil consumption	g/kw.h	≤4
Min oil pressure	Mpa	0.3-0.5

Cooling System

Coolant capacity	L	32
Thermostat	°C	85-92
Top tank temperatur	°C	104

Alternator

Model	ZL274E	
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	120
Exciter type	Brushless,self-excitation	
Voltage regulation	%	±0.5
Protection grade	IP23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller

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|-------|----------|
| Brand | Smartgen |
| Model | HGM420N |
- HGM400N 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

Model	Silent type
Model	EPS-HC150
Length(L) (mm)	3000
Width(W) (mm)	1100
Height(H) (mm)	1570
Weight (kgs)	1735