

Power Cell DIESEL GENERATOR

Cummins 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;



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Technical Data

Model		CU150
Prime power	kW	120.0
	kVA	150.0
Standby power	kW	132.0
	kVA	165.0
Rated voltage	V	400/230
Rated current	A	231
Sound level	dB(@7m)	≤72

Engine

Brand	Cummins	
Model	6BTAA5.9-G2	
Aspiration	Turbo,Air/Air Cooling	
No. of cylinder	6	
Fuel injection system	PN type	
Displacement	Liquid	5.9
Bore/Stroke	mm	102*120
Compression ratio	16.5	
Rated speed	rpm	1500
Rated power	kW	120
Governing method	Electrical	
Starting Motor	V	24

Exhaust System

Exhaust gas flow	m ³ /min	19.44
Exhaust gas temp	°C	495
Max back pressure	kPa	10

Air Intake System

Max intake restrictio	kPa	6.35
Consumption	m ³ /min	8.7
Air flow	m ³ /min	190

Fuel System

100% load	L/h	27.8
75% load	L/h	20
50% load	L/h	13
Fuel tank capacity	L	250

Lubrication System

Oil capacity	L	16.4
Oil consumption	g/kw.h	≤4
Min oil pressure	Mpa	345

Cooling System

Coolant capacity	L	29
Thermostat	°C	82-95
Top tank temperatur	°C	104

Alternator

Model	ZL274F	
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

Brand	DeepSea
Model	DSE6020

- 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-CU150	EPS-CU150
Length(L) (mm)	2350	3000
Width(W) (mm)	900	1100
Height(H) (mm)	1445	1500
Weight (kgs)	1400	2050