

Cummins Series Diesel Generator Set/50Hz 60KVA



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;



Power Cell DIESEL GENERATOR

Technical Data

Model		CU60
Prime power	kW	48.0
	kVA	60.0
Standby power	kW	52.8
	kVA	66.0
Rated voltage	V	400/230
Rated current	A	87
Sound level	dB(@7m)	≤72

Engine

Brand	Cummins	
Model	4BTA3.9-G2	
Aspiration	Turbo,Water/Air DC	
No. of cylinder	4	
Fuel injection system	AD type	
Displacement	Liquid	3.9
Bore/Stroke	mm	102*120
Compression ratio	16.5	
Rated speed	rpm	1500
Rated power	kW	50
Governing method	Electrical	
Starting Motor	V	24

Exhaust System

Exhaust gas flow	m ³ /min	14.8
Exhaust gas temp	°C	497
Max back pressure	kPa	10

Air Intake System

Max intake restrictio	kPa	6.2
Consumption	m ³ /min	5.9
Air flow	m ³ /min	158

Fuel System

100% load	L/h	13.1
75% load	L/h	9.8
50% load	L/h	6.7
Fuel tank capacity	L	145

Lubrication System

Oil capacity	L	16.4
Oil consumption	g/kw.h	≤4
Min oil pressure	Mpa	350

Cooling System

Coolant capacity	L	24
Thermostat	°C	83-95
Top tank temperatur	°C	100

Alternator

Model	EXCEL	ZL224E
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	48
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-CU60	EPS-CU60
Length(L) (mm)	1900	2480
Width(W) (mm)	800	1000
Height(H) (mm)	1280	1400
Weight (kgs)	930	1330