

### 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-CU200KVA	
Prime power	kW	160.0
	kVA	200.0
Standby power	kW	176.0
	kVA	220.0
Rated voltage	V	400/230
Rated current	A	288.6
Sound level	dB(@7m)	≤72

Engine		
Brand	Cummins	
Model	6CTA8.3-G2	
Aspiration	Turbo,Water/Air Cooling	
No. of cylinder	6	
Fuel injection system	P7100	
Displacement	Liquid	8.3
Bore/Stroke	mm	114*135
Compression ratio	17	
Rated speed	rpm	1800
Rated power	kW	170
Governing method	Electrical	
Starting Motor	V	24

Exhaust System		
Exhaust gas flow	m <sup>3</sup> /min	34.7
Exhaust gas temp	°C	570
Max back pressure	kPa	10

Air Intake System		
Max intake restrictio	kPa	6
Consumption	m <sup>3</sup> /min	12.4
Air flow	m <sup>3</sup> /min	238

Fuel System		
100% load	L/h	40
75% load	L/h	30
50% load	L/h	20
Fuel tank capacity	L	245

Lubrication System		
Oil capacity	L	27.6
Oil consumption	g/kw.h	≤4
Min oil pressure	Mpa	276

Cooling System		
Coolant capacity	L	34
Thermostat	°C	82-95
Top tank temperatur	°C	104

Alternator		
Model	EXCEL	ZL274G
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	160
Exciter type	Brushless,self-excitation	
Voltage regulation	%	±0.5
Protection grade	IP23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller	
Brand	DeepSea
Model	DSE6020
<ul style="list-style-type: none"> <li>•Generator &amp; load power monitoring (kW, kV A, kV Ar, pf)</li> <li>•Generator overload protection (kW)</li> <li>•Generator/load current monitoring &amp; protection</li> <li>•Configurable analogue/digital inputs</li> <li>•Configurable DC, volt-free and staged loading outputs</li> <li>•CAN, MPU &amp; alternator speed sensing</li> <li>•Tier 4 CAN engine support</li> <li>•Configurable event log (50)</li> <li>•DSE Configuration Suite PC Software</li> <li>•Fuel and start outputs (configurable on CAN)</li> </ul>	



Dimension and Weight	
Model	Silent type
Length(L) (mm)	3190
Width(W) (mm)	1100
Height(H) (mm)	1800
Weight (kgs)	2146