

IV. ENGINE DATA

Engine Model	2206D-E13TAG2	Engine power	349	kW
Aspiration	Turbocharged and air-to-air charge cooled	Displacement	12.5	L
Type	Vertical in-line	Bore×Stroke	130 x 157	mm
No. of Cylinders	6	Compression Ratio	16.3:1	
Governor Type	Electronic	Rated Speed	1800	RPM

■ Fuel System

Prime power Fuel consumption	87	l/h	Standby power Fuel consumption	93	l/h
Fuel #	0# Diesel		Injection System	MEUI	

■ Lubrication System

Lub Oil Capacity	40	L	Lub Oil Consumption	0.261	l/h
Lub #	API CF-4 15W40		Max. Temperature	113	°C

■ Coolant System

Coolant Capacity	51.4	L	Max. Top Tank Temp.	104	°C
Std. Thermostat (Modulating) Range	87-98	°C	Fan Drive Type	Shaft drive	
Exhaust air volume	788	m ³ /min	Fan Power	9.45	kW

■ Air Intake System

Air intake capacity	25.1/26.6	m ³ /min	Air Pressure	2.5	kPa
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■ Exhaust System

Exhaust Gas Flow	71.5/76.6	m ³ /min	Max. Back Pressure	10	kPa
Exhaust Gas Temp.	≤680	°C	Exhaust pipe size	φ 123	mm

■ Starting System

Start Mode	Electric start	Battery	(2)x120	Ah
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V. ALTERNATOR DATA

Alternator Model	SLG314E	Rate Power	335/419	kW/kVA
PF.	0.8	Voltage	480/277	V
Phase	3	Frequency	60	Hz
Connection	3P 4W	Bearing	1	
Winding Pitch	2/3	Proteccion Class	IP21	
Insulation Class	H/H	Efficiency	93.80%	
Tel. Influence	TIF: <50	Voltage Regulation	±1.0%	
Harmonic Coefficient	THF: <2%	AVR	AS440	
Voltage Adjust Scope	≥±5%	Excitation System	SELF EXCITED	

VI. CONTROL SYSTEM DATA

MODEL DSE6020

■ Main feature

Electronic J1939 (CAN) and Modbus capable, MPU and alternator sensing, engine support for diesel and gas engines all in one controller. With a large number of flexible inputs, outputs and protection circuits,

The modules can be easily adapted to suit a wide range of

■ Application



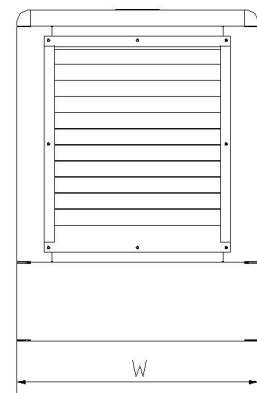
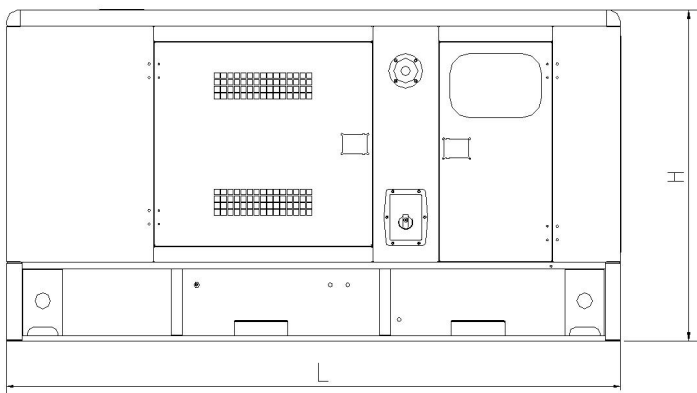
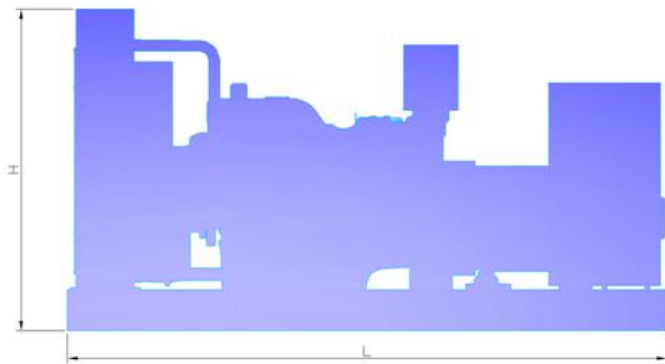
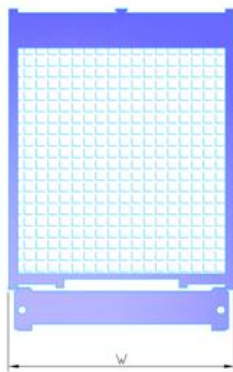
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|---|--|---|
| ▲ utility voltage sensing | ▲ Configurable staged loading outputs | ▲ Configurable remote start input |
| ▲ Generator/load power monitoring (kW, kV A, kV Ar, pf) | ▲ CAN, MPU and alternator speed sensing in one variant | ▲ alternative configuration |
| ▲ Generator overload protection (kW) | ▲ 3 engine maintenance alarms | ▲ alarm including common alarm, common electric and common shutdown |
| ▲ Efficient power save mode | ▲ engine speed protection | ▲ LCD and LED alarm indication |
| ▲ mains and generator closed via front panel | ▲ Engine pre-heat | ▲ Configurable event log (50) |
| ▲ 4 configurable DC outputs | ▲ Multiple date and time scheduler | ▲ Heated display option available |
| ▲ 4 configurable analog./digital inputs | ▲ Engine idle control for starting & stopping | ☆ <i>For more information, please visit the Deep Sea Controls website</i> |
| ▲ 6 configurable digital inputs | ▲ Fuel pump control | |
| ▲ Support for 0-10 V & 4-20 mA oil pressure sensors | ▲ Battery voltage monitoring | |
| | ▲ Start on low battery voltage | |

WARRANTY POLICY

1. Standard Warranty for one year or 1000 hours (whichever comes first) from initial sales date to the end user. Refer to UQ-Power Diesel Generator Warranty manual for more details.
2. Maintenance parts (filters, belts, hoses, batteries), improper operation or maintenance failures are excluded from the warranty policy.



Open unit (LXWXH) MM 3300x1150x2100 --Weight KG= 3190
Enclosed unit-Silent type (LXWXH) MM 4200x1500x2100-- Weight KG= 4300



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