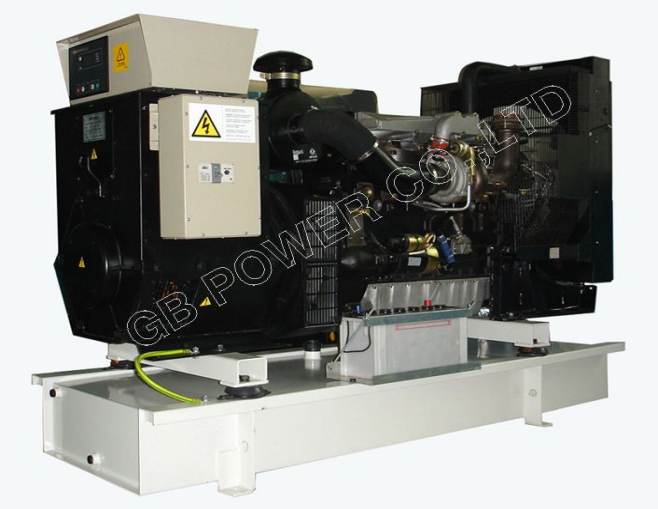
Standard Features

MODEL	GB-P438
Standby Power(60Hz)	385KW/481KVA
Prime Power(60Hz)	350KW/438KVA
Engine	PERKINS 2206A-E13TAG6
Alternator	STAMFORD HCI444E

- **Engine(PERKINSUK2206A-E13TAG6)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAMFORD HCI444E),**
- single bearing alternator, Protection Class IP22, insulation class H/H
- Dry Type air filter, fuel filter, oil filter, pre-filter, absorber
- Main line circuit breaker
- Standard control panel
- Two12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual



Generator Set Ratings						
Voltage	**Frequency**	**Phase**	**P.F (COS¢)**	**Standby Amps**	**Standby Ratings (KW/KVA)**	**Prime Ratings (KW/KVA)**
480/277	60	3	0.8	579	385/481	350/438
460/266	60	3	0.8	604	385/481	350/438
440/254	60	3	0.8	632	385/481	350/438
416/240	60	3	0.8	668	385/481	350/438

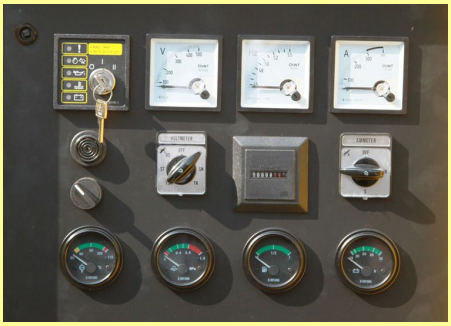
Prime Power(PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvlSO8528);A10%voerload capability is available for a period of 1 hour within a 12-hour period of operation. Standby Power Rating (ESP):The standby power rating is applicable for supplying emergency

Dimension Of Generator Set	
Dimension(L*W*H)/CM For Open Type	340×115×198 CM
Net Weight/KG For Open Type	3450KG
Dimension(L*W*H)/CM For Sound Proof Type	440*145×225 CM
Net Weight/KG For Sound Proof Type	4250KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	2206A-E13TAG6
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage Ⅱ) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	381KW/511HP
	Standby Power	435KW/583HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged Air Air cooled
	Bore×Stroke	130×157(MM)
	Displacement	12.5L
	Rated Speed	1800RPM
	Speed Governor	Electrical
	Starter Model	24V DC Start
	Fuel Consumption Prime Power (100% load)	75L/H
	Totally lubrication system Capacity	40L
	Coolant capacity	51.4L
	Cooling System	Water Cool
	Compression Ratio	16.3:1

Specification Of Alternator		
Alternator	Alternator Model	HCI444E
	Manufacturer	STAMFORD company
	Prime Output	350KW/438KVA
	Standby Output	385KW/481KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires “Star” Connection
	Power Factor	0.8
	Protection Class	IP22
	Insulation Class	H
	Altitude	≤1000m
	Voltage Regulation, Steady State	≤±1%
	Telephone Influence Factor	＜50
	Sudden Voltage Warp (100% Sudden Reduce)	≤±1%
	Sudden Voltage Warp (Sudden Increase)	≤±25%
	Voltage Stable Time (100% Sudden Reduce)	≤6S
	Voltage Stable Time (Sudden Increase)	≤6S
	Frequency Reduce	0-5% adjustable
	Frequency Regulation, Stead State	≤1.5%
	Frequency Waving	≤0.8%
	Sudden Frequency Warp (100% Sudden Reduce)	≤+12%
	Sudden Frequency Warp (100% Sudden Increase)	≤-10%
	Frequency Recovery Time (100% Sudden Reduce)	≤5S
	Frequency Recovery Time (Sudden Increase)	≤5S
Compliance Stands	GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359	

Control Panel System



MONICAN CONTROL MODEL/ MANUAL OR ATS USE

With Four Protection

1.High water Temperature Shutdown

2. Low Oil Pressure Shutdown

3. Over Speed Shutdown 4. Over Crank Shutdown

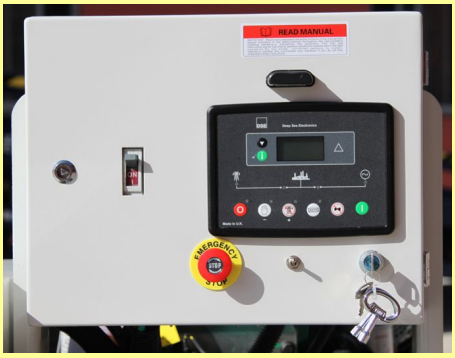
5. Protection as Emergent Stop

Parameters of Operation:

1. Emergency Stop Button 2.Voltmeter and Selector Switch

3. Ammeter and Selector Switch 4. Frequency Meter

5. Hour Running Meter6.Alart Buzzer



SMARTGE CONTROL MODEL/ MANUAL OR ATS USE

With Four Protection

1.High water Temperature Shutdown

2. Low Oil Pressure Shutdown

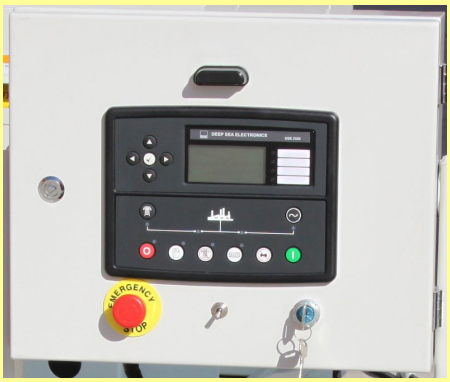
3. Over Speed Shutdown

4. Over Crank Shutdown

5. Protection as Emergent Stop

Parameters of Operation:

Digital type, all function showed by LED



DEEPSEA CONTROL MODEL/ MANUAL OR ATS USE

With Four Protection

1.High water Temperature Shutdown

2. Low Oil Pressure Shutdown

3. Over Speed Shutdown

4. Over Crank Shutdown

5. Protection as Emergent Stop

6. With Remote Teleport Communication RS 485

Parameters of Operation:

Digital type, all function showed by LED