GB POWER

Standard Features	
MODEL	**GB-60**
Standby Power(50Hz)	53KW/66KVA
Prime Power(50Hz)	48KW/60KVA
Engine	GB POWER GB4112CD
Alternator	GB BRUSHLESS GB-UCI224E

- **Engine(GB POWER GB4112CD)**
- Radiator 40℃ max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(GB POWER GB-UCI224E),**
- single bearing alternator, Protection Class IP23, insulation class H/H
- Dry Type air filter, fuel filter, oil filter, pre-filter, absorber
- Main line circuit breaker
- Standard control panel
- One 12V 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)**
440/254	50	3	0.8	44	53/66	48/60
415/240	50	3	0.8	47	53/66	48/60
400/230	50	3	0.8	49	53/66	48/60
380/220	50	3	0.8	51	53/66	48/60

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
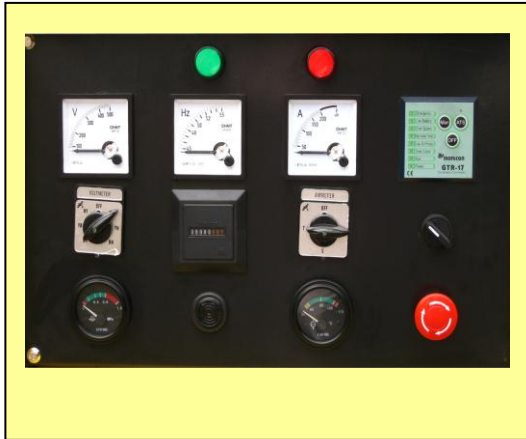
Dimension Of Generator Set	
Dimension(L*W*H)/CM For Open Type	173×73×115CM
Net Weight/KG For Open Type	1060KG
Dimension(L*W*H)/CM For Sound Proof Type	180×93×115 CM
Net Weight/KG For Sound Proof Type	1340KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	**GB4112CD**
	Manufacturer	GB POWER
	Prime Power	32KW/43HP
	Standby Power	35KW/47HP
	Engine Configuration	4Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Naturally
	Bore×Stroke	102×118（MM）
	Displacement	3.857L
	Rated Speed	1500RPM
	Speed Governor	Mechanical Speed Control System
	Starter Model	12V DC Start
	Fuel Consumption Standby Power (110% load)	
	Fuel Consumption Prime Power (100% load)	≤240 G/KW.H
	Stable rates	≤5
	Cylinder Sleeve Type	Dry
	Lubrication type	Pressure and Splash

Specification Of Alternator

	Alternator Model	**GB-UCI224E**
Alternator	Manufacturer	GB POWER CO., LTD
	Prime Output	48KW/60KVA
	Standby Output	53KW/66KVA
	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		GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359 Stands

Control Panel System

GB POWER

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

Parameters of   Operation:

Digital type, all function showed by LED