

Standard Features

MODEL	GB-P180
Standby Power(50Hz)	158.4KW/198KVA
Prime Power(50Hz)	144KW/180KVA
Engine	PERKINS 1106C-E66TAG4
Alternator	STAMFORD UCI274G

- **Engine(PERKINSUK1106C-E66TAG4)**
- Radiator 40°C max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator(STAFMORD UCI274G),**
- 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
- Two 12V batteries, rack and cable
- Ripple flex exhaust pipe, Exhaust siphon, flange, muffler
- Operation manual



Generator Set Ratings						
Voltage	Frequency	Phase	P.F (COS φ)	Standby Amps	Standby Ratings (KW/KVA)	Prime Ratings (KW/KVA)
440/254	50	3	0.8	260	158.4/198	144/180
415/240	50	3	0.8	275.5	158.4/198	144/180
400/230	50	3	0.8	286	158.4/198	144/180
380/220	50	3	0.8	301	158.4/198	144/180

Prime Power (PRP): Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97 (equiv ISO8528); A 10% overload 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	240×98×160 CM
Net Weight/KG For Open Type	1500KGS
Dimension(L*W*H)/CM For Sound Proof Type	340×120×190 CM
Net Weight/KG For Sound Proof Type	2200KGS
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	1106C-E66TAG4
	Manufacturer	PERKINS UK
	Emissions statement	EU2007(EU97/68/EC Stage II) EPA Tier 4Final(EPA 40 CFR Part 1039 Tier 4)
	Prime Power	160KW/214.4HP
	Standby Power	175.5KW/235.2HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbocharged Air-Air cooled
	Bore× Stroke	105× 127 (MM)
	Displacement	6.6L
	Rated Speed	1500RPM
	Speed Governor	Electrical
	Starter Model	12V DC Start
	Fuel Consumption Prime Power (100% load)	47L/H
	Totally lubrication system Capacity	16.5L
	Coolant capacity	21L
	Cooling System	Water Cool
Compression Ratio	16.2:1	

Specification Of Alternator

Alternator	Alternator Model	STAMFORD
	Manufacturer	STAMFORD company
	Prime Output	144KW/180KVA
	Standby Output	158.4KW/198KVA
	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 Standards	GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359	



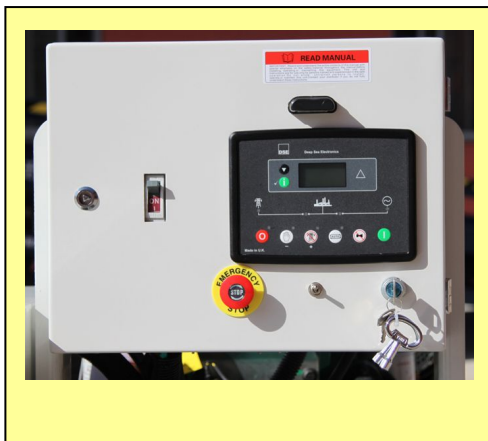
MONICAN CONTROL MODEL/ MANUAL OR ATS USE

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 Meter
6. 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