Standard Features

MODEL	MT-C900
Standby Power(60Hz)	792KW/990KVA
Prime Power(60Hz)	720KW/900KVA
Engine	Cummins KTA38–G2
Alternator	STAMFORD LVI634B

- **Engine (CCEC Cummins KTA38–G2)**
- Radiator 40℃max, fans are driven by belt, with safety guard
- 24V charge alternator
- **Alternator (STAMFORD LVI634B),**
- 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
- 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)**
380/220	60	3	0.8	1506	792/990	720/900
220/127	60	3	0.8	2597	792/990	720/900

Prime Power (PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvISO8528); A1 0% 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	455×210×232CM
Net Weight/KG For Open Type	9500KG
Dimension(L*W*H)/CM For Sound Proof Type	20FT
Net Weight/KG For Sound Proof Type	12000 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	

Specification Of Engine		
Engine	Engine Model	KTA38–G2
	Manufacturer	CCEC Cummins
	Prime Power	814KW/1107HP
	Standby Power	895KW/1217HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore×Stroke	159×159(MM)
	Displacement	37.8L
	Rated Speed	1500RPM
	Speed Governor	High Precision Electronic Speed Control System
	Starter Model	24V DC Start
	Fuel Consumption Standby Power (100% load)	205.6L/H
	Fuel Consumption Prime Power (100% load)	182.4L/H
	Oil Consumption	≤0.24L/H
	Cooling System	Water Cool
	Compression Ratio	14.5:1
	Max Back Pressure	10KPA
	Intake Flow L/S	34780/S
	Exhaust Temperature	536℃

Specification Of Alternator		
Alternator	Alternator Model	LVI634B
	Manufacturer	STAMFORD company
	Prime Output	720KW/900KVA
	Standby Output	792KW/990KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires “Star” Connection
	Power Factor	0.8
	Protection Class	IP23
	Insulation Class	H
	Altitude	≤1000m
	Voltage Regulation, Steady State	≤±1%
	Telephone Influence Factor	＜50
	SuddenVoltage 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 Meter 6. Alart Buzzer

SMARTGEN CONTROL MODEL/ MANUAL OR ATSUSE

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