

Technical Details & Photographs of 10x5.75 MW Mitsubishi make Gas Fired Generators
10 x 2003 Mitsubishi 18KU30GA 5.75mw 50Hz Gas Fired Generators



Technical Details & Photographs of 10x5.75 MW Mitsubishi make Gas Fired Generators

Year manufactured: 2003
 Packager: NSC Engineering,
 Number: 10 Units
 Type: Gas Engine Generator
 Total Working Hours: 20,000 Hours. (Abt. 400 Hours Per Month)
 Every 4000 Hours Overhauled Last
 Overhauled Time Apr., 2008 Good
 Condition
 Disconnected from Grid. Cannot For Test Run.
 Every 2 Units-Synchronized

Consisting Of
 10 Units Of Gas Engines
 Generators
 Compressed Air Tank
 Worm Up Units,
 Fuel Supply Units
 Duplication Oil Units
 10 Control Units
 Other Control Units.
 2 Main Step Down Transformer For 11000volt to 6600volt, 2
 Units Of 6600 volt to 440 volt.
 Duplication Oil Tank
 1 Heavy Fuel Oil Tank
 Pure Water Tank
 Chimney
 NOx Removable Units
 Cooling Tower
 Drain Water Tank
 Industrial Water Buffer Tank

We refer to the teletak the undersigned had with you regarding your requirement of Natural Gas/ Dual Fuel fired Power Plant.

In this connection, we have pleasure in enclosing herewith the technical details & photographs for 1 No. 57.5 MW Mitsubishi make Gas engine fired Power Plant, comprising of 10 engines of 5.75 MW each, available for sale with us with IMMEDIATE Delivery. The price for the 57.5 MW Gas fired power plant, duly dismantled, Commissioning, packed & delivered is

➤ 57.5 MW Generator Voltage 11000 v / voltage regulation $\pm 1.0 \%$ 12,200,000 ---- US\$

The above offer is subject to the Power Plant remaining unsold.

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57.5mw Gas Engine Power Plant Spec

Gas Engines

Qty:	10 Units
Type:	4 Cycle V Type Piston Type Air Cooled Static Pressure Supercharge Pilot Ignition. Gas Engine (When Start The Engine, Use A Fuel, But Once Start The Engine, Fuel Is Natural Gas)
Model Mitsubishi:	18KU30GA 18MACH-30G
Size:	8420 X 3180 X 3720mm Abt. 60 Ton
No. Of Cylinder:	18
Cylinder Dia:	300mm
Piston Process:	380mm
Engine Standard Out Put:	5,930kw (For Generator 5,750kw)
Standard Speed:	750rpm
Average Piston Speed:	9.5m/N
Efficiency Ratio:	42.5%
Average Effective Pressure:	1.96mpa
Turning Direction:	Right Turn When Look At The Engine From Generator IDE
Guidance Method:	For Compressed Air
Combustion System:	Combustion Ignition Antechamber Type Lean-Burn System
Fuel Gas:	Natural Gas
Cooling Method:	Generator Body First Cooled Water (Clean Water) Air Chiller, Duplication Chiller Unit:
Second Cooled:	Water (Industrial Water)
First Water Cooled Chiller	
Turning Method:	Electric System
Engine Weight	Abt. 60 Ton (Including Fly Wheel For Dry Weight)

Generator

Description:	TOSHIBA 3 Phase AC Generator
Qty:	10 Units
Type:	Parallel Revolving Field, Self Ventilating Cooled Silent Pole Type
Output:	6388.9kva (5,750kw)
Power Ration:	90%(Delay)
Voltage:	11kvolt
Frequency:	50hz
No. Of Pole:	8
Turning Speed:	750min-1
Phase:	3 Phase 3 Wires
Standard Time:	Continuous
Insulation:	Electric Small Wind Cable. F Cable, Field Cable F Type.

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Excitation Type:	Brushless
Neutral Point:	Without Drawing
Exterior Covering Mechanism:	Protected Type (Drip Proof Open Type)
Ventilation System:	Self-Ventilating Type
Damping Coil:	Attached
Synchro Bearing	1 Pce
Type Of Bearing:	Pedestal Type
Fitting Type:	Rigid Type Fitting.

AC Exciter

Type:	Rotary Generator
Armature Type.	
Synchronous Generator	
Exterior Covering Mechanism:	Protection Type (Drip Proof Open Type)
Ventilation System:	Self-Ventilating System.
Rotor Mechanism:	Rotor Is Attached With Main Generator Unit.
Type Of Insulation:	Electric Small Wind Cable F Type, Filed Cable F Type



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