

LMA1500 10MW GTG - For Sale as New

Read to ship FOB USA Port

Turbine		Gear Box	
Model	LMA1500	Type	Reducing Double Helical
Type	GE's J79-15	Manufacturer	Lufkin or Equivalent
Cycle	Simple	Input Speed	5500 RPM
Fuel	Natural Gas or Diesel #2	Output Speed	1800 RPM
Power Output	10 MW	Efficiency	99.3%
Efficiency (LHV)	28%	Lube Oil System	Separate Integrated Lube Sys
Starting System	Hydraulic Start		
Shaft Horsepower, max	15000	Inlet System	
Stages-Gas Generator	17 Stage Compressor - 3 Stage Turbine	Filter Type	Barrier Filtration
Stages-Power Turbine	Single Stage	Manufacturer	Universal or Equivalent
Fuel Flow, Max-Natural Gas	7304 PPH	Inlet Filter	Provided
Fuel Flow, Max-Diesel #2	7430 PPH	Silencer	Provided
Heat Input	120 MMBTU/HR	Inlet Plenum	Provided
Heat Rate	12000 BTU/KW-HR		
Fuel Pressure, Natural Gas	275+/-5 PSIG	Exhaust System	
Fuel Pressure, Diesel #2	625+/-25 PSIG	Silencer	Provided
Lube Oil System	Separate integrated Lube Sys.	Manufacturer	Universal or Equivalent
		Exhaust Stack	Optional
System Performance at ISO Conditions			
Power Turbine Speed	5500 RPM	Inlet Fogger	
Exhaust Flow	160 PPH	Inlet Fogger	Optional
Exhaust Temperature	750F	Manufacturer	Amco or Equivalent
Generator Output	10MW	Max Water Consumption	9.5 GPM
Generator		Emissions-with Natural Gas at ISO Condition	
Type	"SAB" Horizontal Brushless Air Cooled		
Manufacturer	Ideal or Equivalent		
Rated	12500 KVA, 10000 KW, 0.8 PF, 1800 RPM	Without SCR	With SCR
Electrical Features	13.8 KV, 60Hz, 3 Ph, 6 Lead, Wye Connection	NOx	40 PPM / 4 PPM
Efficiency at 0.8 PF	97.0%	CO	95 PPM / 15 PPM
Excitation	Field Suitable Brushless Exciter-Regulator	Emissions-with Diesel #2 at ISO Condition	
Lube Oil System	Separate Integrated Lube Sys.	Without SCR	With SCR
		NOx	70 PPM / 7 PPM
		CO	95 PPM / 15 PPM
Coupling		Exhaust Emission Controls	
Type	Dry Flexible Load Coupling	Selective Catalytic Reduction	Provided
Manufacturer	Kop-Flex or Equivalent	Exhaust Heat Recovery	
Controls			
Type	Micronet	HRSG	Optional
Manufacturer	GE Woodward Governor or Equivalent		



