

1000.0 kVA MTU GENERATOR

FEATURES & BENEFITS

- Maximum 1100.0 kVA, 400 V, 1500 RPM
- Industrial brushless alternator with AVR
- Steel baseframe, retention basin & fuel tank with sensor
- Connect directly to a bulk tank (No integrated tank)
- Test report, manuals and electrical drawings supplied
- Modular design, open and silent version available
- Industrial silencer and coupling flange
- Electrical panel mounted on board the unit with digital control device installed in metal box
- Compact for easy handling and use
- World wide after sales service and technical support



GENERAL DATA	
Model:	MT1000U
Continuous power (PRP):	1000.0 kVA
Continuous power (PRP):	800.0 kW
Stand-by power (LTP):	1100.0 kVA
Stand-by power (LTP):	880.0 kW
Power factor:	0.8
Frequency (Hz):	50 Hz
Voltage (V):	400 V
Width:	2100 mm
Length:	4400 mm
Height:	2230 mm
Weight:	7500 kgs
Tank Capacity:	0 l
dBa @ 7m:	N/A

ALTERNATOR	
Alternator brand:	MARELLI
Alternator model:	MJB400MB4
L.T.P. Power:	1155.0 kVA
P.R.P. Power:	1050.0 kVA
Connection:	Star
Phases:	Three phases with neutral
Terminal Number:	6
IP Protection:	23
Alternate Alternator:	STAMFORD / HCI6J

ENGINE DATA	
Brand:	MTU
Model:	16V2000G65
Cylinders:	16
RPM:	1500
Cubic Capacity:	31.84
Air Intake:	Turbocharged
Standard Voltage:	24
SAE:	0-18
BMEP:	2240
Cooling:	Water
Flywheel P.R.P. Power:	846.0 kW
Flywheel Stand-by Power:	931.0 kW
Oil Qty:	102.0 l
Antifreeze Qty:	110.0 l
Heat from Radiator:	400.0 kW
Heat from Exhaust:	0.0 kW
Exhaust Temperature:	530 °C
Cooling Airflow:	0.00 m ³ /min
Combustion Airflow:	66.00 m ³ /min
Exhaust Airflow:	177.00 m ³ /min
TA Luft / TA Luft 2:	Not available / Not available
Stage:	Not available

FUEL CONSUMPTION	
Fuel Cons. at 110%:	222.0 l/h
Fuel Cons. at 100%:	201.0 l/h
Fuel Cons. at 75%:	149.0 l/h
Fuel Cons. at 50%:	102.0 l/h
Fuel Cons. at 25%:	56.2 l/h

* Specs subject to change without prior notice.
 * Measurements based on ISO8528-1 Standards
 * Picture may vary from actual product.