



## ENGINE

Manufacturer	MTU
Engine Model	TPSC 2000 NG
Configuration	16 Cylinder
Displacement, L (cu.in)	4656.1
Aspiration	Otto-Gas, Lean Burn, Turbocharged
Compression ratio	12.1:1

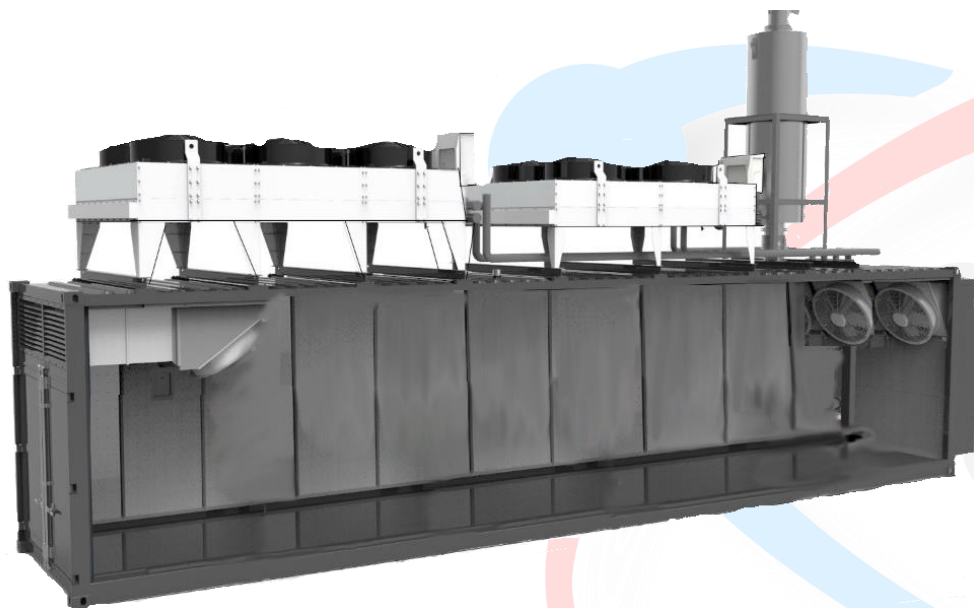
## POWER AND EFFICIENCY @ 60 HZ

Electric Power – kW 2028	Electric Efficiency 43.4%
Heat Power – kW 863	Heat Efficiency 33 %
Input Power – kW 4672	Total Efficiency 76.4%
Duty	Continuous
Power Factor	1
Phase	3
Wires	4
RPM	1500
Voltage	480 Volts

- Sound attenuated ISO 40 Foot Container
- Internal and external emergency stop button
- 50mm Rock Wool insulation with perforated cover
- Multi fan vertical discharge radiator
- ComAp Intellivision 12" touch controls
- Lubricating Oil Make Up system
- Stainless steel exhaust
- CSA approved gas train & control cabinet
- Fully integrated Plug and Play
- Easy Service Accessibility
- Knock Detector for low methane output
- MTU North America Warranty

## CSA CONTROL CABINET

Generator Controller	ComAp Intellivision 12" touch
Electrical Control Cabinet	Integrated, IP54, CSA Approved
Breaker	Siemens 3WL air circuit
Protective Relay	Schweitzer SEL-751A



## CONFIGURED ENCLOSURE DETAILS

Container Painting	Light Grey
Control Room Access	Single man door @ rear of container
Generator Room Access	Dual Bi-fold doors on each side of enclosure
Noise Level @ 1m, dB	83
@ 7m, dB	70
@ 10m, dB	65



## DIMENSIONS AND WEIGHT

Dimensions (L X W X H) feet (mm)	40'0" X 8'0" X 9'6" (12192mm, 2438mm, 2896 mm)
Total package dry weight	44,000lb (20,000kg)

## FUEL INFORMATION

Fuel Type	Natural Gas
Methane Number	80
Supply Gas Pressure Range, PSI	2.19-3.63
<b>Emission Information</b>	
NOx, mg/Nm <sup>3</sup>	<1.0
CO, g/bhp-hr	<3.0

## ALTERNATOR

Manufacturer	Stamford
Build Specification	Dual Bearing @60 Hz
Mechanical Arrangement	HCI 534F/544F
IP Rating	23
Excitation Type	PMG
Number of ends out	12
Winding RTD's	Double Layer