



## Datasheet

M.I.T.E.S engineering GmbH  
Oberschaden 32  
4070 Puppung  
Austria

### Mobile Rental Genset 1220 KVA



#### Performance data:

Continuous power PRP: 1100 kVA - 880 KW - 1811 A, 400/ 230 V cos 0.8

Emergency power output: 1220 kVA - 970kW

Surge Load: 50% Frequency Drop < 10%

Dieselmotor: MTU 18 V2000 G63

Generator: Stamford LVI634G

Power Output: Built-in Generator Circuit Breaker

Connections: Powerlock / Kabenschuh 12 mm

The system can be used as a twin-pack thanks to the synchronization device and loadshare device.

#### Noise emission:

70 dB(A) in 7m.



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### Exhaust semission

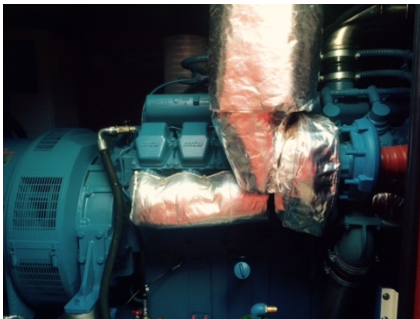
NOx: < 1700 mg/m<sup>3</sup>N

CO: < 300 mg/ m<sup>3</sup>N

HC: < 150 mg/m<sup>3</sup>N

Staub: < 50 mg/ m<sup>3</sup>N

Formaldehyd: < 60 mg/ m<sup>3</sup>N



### Operating options:

1. Island operation
2. Grid-parallel operation (synchronization device)
3. Emergency power operation (built-in grid monitoring)
4. Seamless back synchronization
5. Emergency operation ( required for hospitals )
6. External circuit breaker control possible

The system is equipped with engine preheating and battery charger, so that the required power can be called up within < 15 seconds in the event of a power failure.



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### Monitoring/Control:



1. 3-phase network monitoring
2. Engine oil pressure
3. Engine beer temperature
4. Cooling water overtemperature
5. Geno Surge
6. Geno Undervoltage
7. Geno Overfrequency
8. Geno Subfrequency
9. Geno Overload
10. Fuel Shortage Warning

### Dimensions

1. Length = 6.06 m x Width = 2.44m x Height = 2.9m
2. Weight approx. 15 tons
3. 20 foot High Cube Container
4. Exhaust outlet top
5. Exhaust air at the top
6. Air inlet front side
7. Left / Right version as required