



Datenblatt

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

Mobile – Rental Genset 1250 kVA



Performance data:

PRP Power : 1250 kVA - 1000 kW - 1850 A, 400/ 230 V cos 0.8

Emergency power output: 1375 kVA

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

Stepload: 45 % Frequency Drop

Version 1:

Dieselengine: Cummins KTTA 50 G2

Alternator: Leroy Somer

Version 2:

Dieselengine: Cummins KTA 50 G3

Alternator: Stamford PI734B1





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Noise emission: 65dB(A) in 7m.

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.

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



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Fuel/Diesel Tank:

2800 Liter Tank Un Board (Behizbar)

Refuelling via DIN standard connection with limit sensor (when transporting the trailer on public roads, a maximum of 990 litres may be in the tank!). The fuel anchor is double-walled. In addition, the container floor is oil-proof and can collect all liquids.

Trailer features:

1. Sound-absorbing design
2. 3 axles semitrailer trailer
3. Baureihe Megatrailer
4. Maximum permissible total weight: 33,000 kg
5. Net weight: 28,000 kg
6. Actual fifth wheel load: 8,500 kg
7. Saddle height (king pin): from 75 cm to 100 cm
8. Axles: 3 axles each 9000 kg with air suspension, with axle 1 being a lift axle
9. Trailer Yes: 4 meters
10. Trailer Length: 14.55 meters
11. Trailer width: 2.55 meters
12. Brake system: 2 line compressed air all-wheel brake with ABV and ALB
13. Auxiliary brake system (external brake system 6.5 bar): spring-loaded brake acting on the 2nd and 3rd axles