



Datasheet

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

Mobile Rental Genset 300 kVA

Emission Standard Stage 3A



Performance data:

PRP power: 300 kVA – 240 kW – 357.2 A, 400/230 V cos. 0.8

Emergency power output: 330 kVA

Step Load 60% Frequency Dip < 10%

Step Load 50% Frequency Dip < 5%

Dieselmotor: FPT C87TE1PV

Generator: Stamford HCI4D

Sound Emission: 65 dB(A)@ 7m

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

Operating options:

1. Island operation



Datasheet

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

2. Grid-parallel operation (synchronization device)
3. Emergency power operation (built-in grid monitoring)
4. Seamless back synchronization
5. TWIN operation
6. Emergency operation (required for hospitals)

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



All faults can be sent to a mobile phone with built-in GSM module.

Fuel/diesel tank:

850 liter tank on board (running time up to 24 hours depending on load) Refuelling via DIN standard connection.

External tank possible (clutch and changeover built-in)

Container features:

1. Soundproofed structure
2. Weight 4000 kg
3. Height 2500 mm
4. Width 1200 mm
5. Length 4340 mm

TWIN and TRIPLE operation possible Busbar system and standard sockets with Powerlock connection.