

FOSEN TOOLS

MOBIL POWER UNIT 1000

HYBRID GENERATOR, UPS, GREEN ENERGY





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HYBRID POWER TRAILER WITH GENERATOR AND UPS BATTERY SOLUTION

High performance hybrid generator trailer

60 - 90% reduced fuel consumption and Noise!

Introducing our advanced Hybrid Power Trailer. This innovative solution offers a substantial reduction in noise and fuel consumption compared to conventional systems. It features an integrated generator, fuel tank and UPS Battery solution.

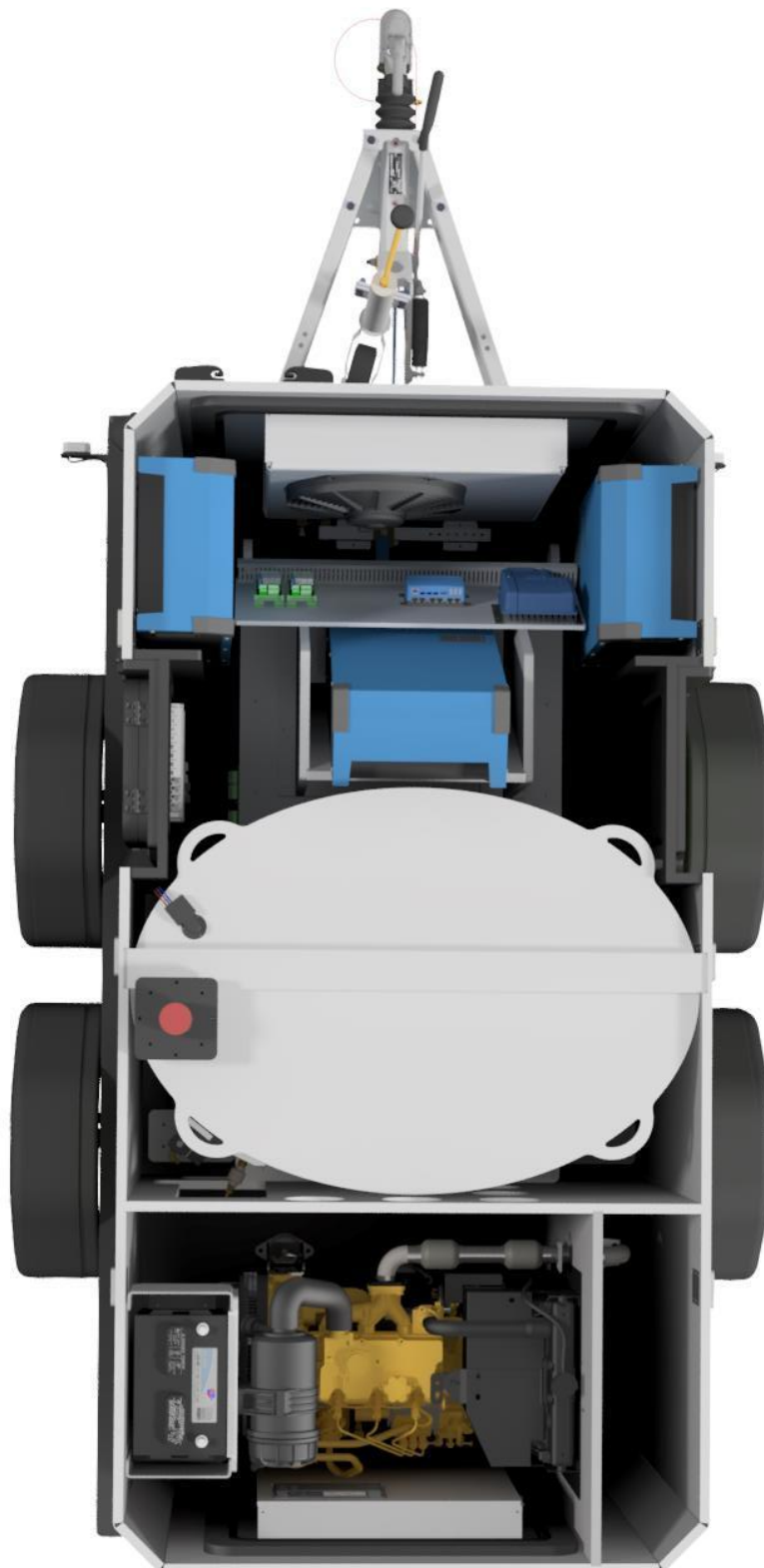
- Every component has been carefully chosen to ensure robustness and reliability
- Extremely user-friendly with "plug-and-play" functionality, equipped with a simple on/off switch
- Offers great flexibility—manageable online from a phone, tablet, or computer if wanted. (Cloud monitored 5G dual radio modem, Cloud enabled monitoring, VPN access)
- Continuous online support available 24/7
- Equipped with LTO batteries, recognized as the safest and most reliable batteries in the industry. They pose no risk of fire or thermal runaway, with 25,000 charging cycles
48V battery voltage ensures safety during handling
- Proven performance under extreme environmental conditions, from arctic cold to central European heatwaves





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Mobile Power Unit 1000 = 12-15kW charge / 24kVA inverters / 21,5 kWh battery capacity (53 Volt)
Invertere: 3 x 8 kVA , 24 kVA nominal power - Peak current of 46 kW, 2 sec.

Option:

3 x 10 kVA; 30 kVA nominal power - Peak Current of 56 kW, 2 sec.

- Reduced fuel consumption by 60 - 90% vs. conventional generator (1000 liter consumption by conventional generator, the Mobile Power Unit 1000 uses only 100-400 liters of fuel)
- Reduced noise by 60 - 90% vs. conventional generator
- Service, typically 4-12 months operating time, ref. operational profile / usage
- Emissions reduced by over 80% (particles etc)
- CO2 reduction 60-90%
- Environmental diesel compatible (HVO 100)
- Can be used with 230V and 400V "thin grid" for further savings
- Can be charged from 0 to 100% immediately
- No voltage drop regardless of load
- Stable current with a perfect sine curve
- Can be supplied with floodlights and 4K, 360° camera solution on a 5.5m mast
- Most robust battery solution on the market, no risk of thermal runaway
- 25,000 - 60,000 charge cycles
- Charging the batteries at a very good speed in minus 40 C to +45 C
- Overload protection
- Automatic restart in case of overload
- Diesel: 380 liters

Can be delivered with or without trailer:

- Weight without trailer: 1100 kg (no fuel)
- Weight with trailer: 1435 kg (no fuel)
- Measurement: L2420 x W1230 x H950mm

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