

FOSEN TOOLS

HYBRID POWER CUBE 3000

HYBRID GENERATOR, UPS, GREEN ENERGY





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HYBRID POWER CUBE 3000 WITH GENERATOR AND UPS BATTERY SOLUTION

Powerstation - high performance hybrid generator system

60 - 90% reduced fuel consumption and Noise!

Introducing our advanced Hybrid Power Cube 3000. This innovative solution offers a substantial reduction in noise and fuel consumption compared to conventional systems. It features an integrated generator, fuel tank, UPS, and a solarpanel solution to enhance solar energy reception.

- 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 - 60,000 charging cycles
82V battery voltage ensures safety during handling
- Proven performance under extreme environmental conditions, from arctic cold to central European heatwaves





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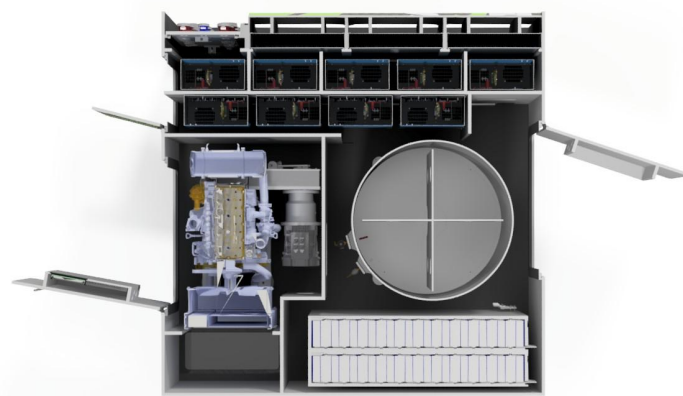
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Bottom frame constructed from aluminum, the Cube is lightweight and corrosion resistant.

Hybrid Power CUBE 3000 = 45 kW charge / 82 kWh battery capacity
135 kVA nominal power - Peak current of 243 kW (2 sec.inrush)

- Size: 2400 x 2400 x 1500mm
- Alu pallet bottom frame
- Reduced fuel consumption by 70 - 90% vs. conventional generator
(Example: 1000 liter consumption by conventional generator, the Power Cube only uses 100-300 liters of fuel)
- Reduced noise by 70 - 90% vs. conventional generator
- Service, typically 4-12 months operating time, ref. operational profile / useage
- Emissions reduced by over 90% (particles etc)
- CO2 reduction 70-90%
- Environmental diesel compatible (HVO 100)
- Can be used with 230 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
- 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: 900 liters
- Solarpanel capacity: 1000 watt

* Hybrid Power Cube can also be custom produced - specific power setup, to fit YOUR specific needs.



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