

# Mobile Power Grid – 100 KW – MPG System Specifications

100 KW-MPG

## 100 KW Mobile Power Grid

The 100 KW MPG uses one 40 foot trailer. Shown below, this unit contains the energy storage system, power conversion system, environmental controls, the power connection panels, one (1) 100 KW generator and the fuel tank.



RATINGS			
Continuous Power	100kW		
Peak Power	200kW	Up to 1 Hour	
Power Conversion System	100kW @ specified voltage and frequency		
Generator	100kW @50Hz/ 120kW @ 60Hz	100kW 380/400/415VAC 3Ø 50Hz 120kW 208/240/440/480 3Ø 60Hz	
Fuel		As specified by client NG or Diesel	
Renewable input	25kW @ 600VDC passive		Custom options available
Energy Storage Capacity	100kWh	360 to 590 VDC	
Battery Management System	Proprietary controller		
Environmental Control	5kW heat pump system		
System Trailer w/generator	40'L x 8'W x 9'6"H	Loaded Gross Vehicle Weight = 53,400 lbs. / 24,272 kg.	
Fuel Tank	Depends on type of fuel required		Options: NG or Diesel
External Communications	MODbus	Other communications packages available	
Fire suppression system	Fuel: CO2		
<i>Quick connect cables provided for communications and power between the generator and the MPG trailers</i>			
<i>Fused output terminals lugs provided to connect the MPG trailer to the user's power distribution center</i>			

### Contact

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