



NetPwr 100kW Power Unit

NetPwr's 100kW Power Unit (NP100) produces *Clean - Green - Baseload* energy at extremely low operating costs that can be easily transported and installed anywhere on the planet.

We have incorporated the latest technologies: the Quantum Magnetic Generator ("QMG") and Solid-State Graphene Batteries ("GSB") to produce a "Plug and Play" clean power unit, that produces no emissions, uses no toxic chemicals, and has a zero-carbon footprint.

NP100 is powered by a Quantum Magnetic Generator that provides constant power using an energy generation method known as "magnetic flux" as its fuel source and it includes energy storage to provide an extra 200kW of power during peak hours that can be used as emergency back-up power for at least 2 hours run time.

- **Unrestricted:** Install anywhere on the Planet
- **Baseload:** Constant power, 24/7
- **Clean:** No fuel, No consumables
- **Zero Carbon Footprint:** Carbon Credits
- **Portable:** Installed and operating within a day.
- **Affordable:** Low operating cost
- **Long Life Span** 50+ years
- **Power Density:** Same as Diesel Generators.



For illustrative purposes only. The actual NetPwr unit may differ.

Contact Information

Polaris Power Ventures, LLC
Houston, Texas

w: www.polarispwrventures.com

e: info@polarispwrventures.com



NetPwr's NP100 Power Unit

Technical Data	Unit	Value
----------------	------	-------

Key Performance Parameters

Output Power Nameplate	kW	100
Peak Output Power	kW	200
Peak Operating Duration	hours	2
Energy Storage	kWh	240
Operating Life	years	50+
Power Degradation over life	%	5

Electrical Performance Parameters

Output Voltage (US Standard)	VAC	220/440
Output Voltage (International)	VAC	240/480
Frequency (US Standard)	Phase	60
Frequency (International)	HZ	50
Phase		Three Phase
Output Connection	wire	4
Voltage Regulation, no load to full load	%	+/-1%
Frequency Variation	%	+/-0.50

Environmental Data

Operating temperature Range	DegC	-20 to 60
Storage Temperature Range	DegC	-20 to 55
Maximum Operating Humidity Range	%RH	98
Maximin Storage Humidity Range	%RH	98
Maximum Operating Elevation	meters	4000
Maximum Storage Elevation	meters	4000
Ventilation	Yes/ No	No
Heating / Air-conditioning	Yes/ No	Yes

Technical Data	Unit	Value
----------------	------	-------

Physical

Weight	kg	3,181
Dimensions (LxWxH)	inch	5'x8'x9'

System Monitoring

Overload Protection	Yes/ No	Yes
No Load Protection	Yes/ No	Yes
Smoke / Fire Detection	Yes/ No	Yes
Fire Suppression	Yes/ No	No
Theft Protection	Yes/ No	GPS
System Performance	Yes/ No	Yes

Energy Storage Parameters

Estimated VA Hours	hours	2
Nominal Energy Rating	kWh	253.2
Modules / Racks (10ea)	ea	2 rack
Estimated Leakage Current	mA/h	46.667
Cycle Life	Cycles	43,000



Disclaimer: All Specifications subject to change without notice. It is the customer's responsibility to validate that the particular product with the properties described in the product specification is suitable for use in a particular application. All operating parameters, including typical parameters must be validated for each customer application by the customer technical experts.