



NetPwr 500kW Power Unit

NetPwr's 500kW Power Unit (NP500) 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.

NP500 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 1000kW 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

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NetPwr's NP500 Power Unit

Technical Data	Unit	Value
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Key Performance Parameters

Output Power Nameplate	kW	500
Peak Output Power	kW	1000
Peak Operating Duration	hours	2
Energy Storage	kWh	1000
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

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Physical

Weight	kg	12,093
Dimensions (LxWxH)	inch	20'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	1,008
Modules / Racks (10ea)	ea	9 racks
Estimated Leakage Current	mA/h	46.667
Cycle Life	Cycles	43,000



Disclaimer: Disclaimer: All specifications are subject to change without notice. All operating parameters, including typical parameters must be validated for each customer application by the customer technical experts. Pictures are for illustration purposes only. The actual unit may differ.