

WHISPERGEN

POWER, LLC



- HIGH PERFORMANCE
- INDUSTRIAL POWER STATION
- A MODERN ALTERNATIVE TO THE GASOLINE GENERATOR

Capabilities



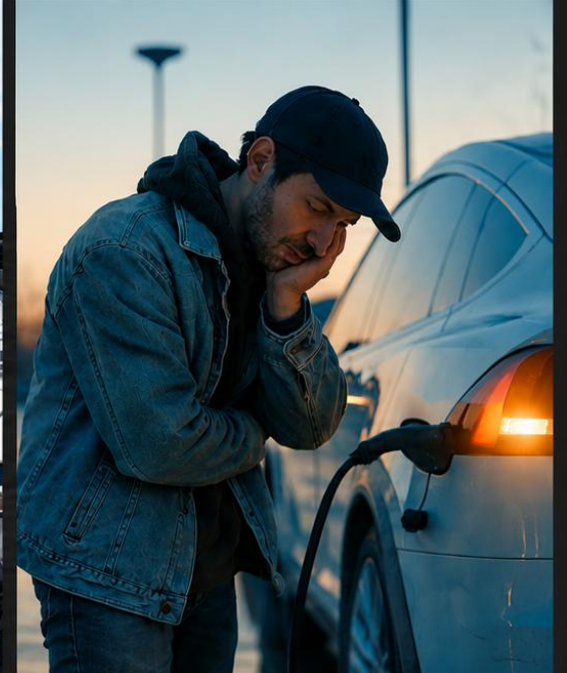
Meets the needs of
high-power
electrical appliances.



For use in harsh
environments such
as rain, cold, heat,
mud, dust, etc..



Light and portable
making it much
easier to use than
gasoline generators



It can be re-charged
quickly, and it flexibly
increases battery
capacity

WHISPERGEN
POWER, LLC

Advantages

Quiet

Emission Free

Maintenance Free



High Power

3600W Rated Power

20000W* Peak Power

Empowering tools with robust power

*Based on actual test data for loads such as welding machines and air compressors.



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Safe for outdoor use

IP44+ Dust- and waterproof

Thriving in heavy weather.



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Unafraid of collisions
Made for rugged conditions



Fast Charging

Fully charged in 2.3 hours

90% charged in 1.8 hours

Lightweight and Portable

Only 52 pounds



Expandable capacity

Max. of 3 parallel expansion

Total capacity of 6912 Wh



Applications



Interior Construction



Mining



Tunnel Operations



Survey and Exploration



Road Construction



Food Trucks



Film Crews



Emergency Applications



Heavy Construction

Design Highlights



**Cascaded multilevel
single-stage topology**

**10C discharge rate
NCA battery cell**

**Self-developed
high-performance
power chip**

**97% Charging
Efficiency AC-BMS**

**Laser welding +
annular sealing for
waterproofing**

**30-year rust-proof
SGCC + 72h salt spray
weather-resistant
coating**

**V-shaped steel pipe
+ all-steel sheet
metal casing**

**Internal circulation
natural cooling
solution**

Redefining Industrial Mobile Power

OTA Upgrades

Cloud-based
collaborative smart O&M

Smart Interaction

Power Giant App for
platform access

Modular Metal Structure Design

Robust protection, drop-resistant
and durable, easy to maintain



User-Centered Design

Portable and easy to operate

High Protection Rating

IP44|Unaffected by dust or
moisture

Full-Stack Self-Development

Equipped with latest self-developed
power chip

Comparison



0 Noise

✓ Parallel connection

Support

✓ Heavy-load equipment

Support

✓ Maintenance

Not needed



Fuel Generator

Noise

Loud

✗ Not support

Not support

✗ Not support

Not support

✗ Required

Required

A closer look at how WhisperGen compares to a gasoline generator of similar rated power

Comparison	Gasoline Generator	WHISPERGEN  POWER, LLC
Rated Power	3600 W	3600 W
Peak Power	4320 W	20000 W
Operating Costs/Hour	\$2.021	\$0.504
Maintenance Req'd	Yes	No
Convenience of Use	Inconvenient to Start and Stop	Plug and Play
Noise	High Noise	0
Emissions	Toxic Exhaust	None
Weight	92.6 lbs	52.5 lbs
IP Grade	IP23	IP44

Standard electric power stations can't do the job



WHISPERGEN
POWER, LLC

Heavy-load equipment **Support**

Working in harsh conditions **Support**

Portable power station

Heavy-load equipment **Not support**

Working in harsh conditions **Not support**

WhisperGen Units pay for themselves

Value Proposition

Comparison based on 1000 Hours of Usage	Gasoline Generator			WHISPERGEN  POWER, LLC		
	Value	Unit Price in USD	Total in USD	Value	Unit Price in USD	Total in USD
Energy Consumption	554.5 gallons	\$4.07/gallon	\$2,256.82	3600 kWh	\$0.14/ KWh	\$504.00
Maintenance	6 hours	\$60/hour	\$360	Maintenance Free	0	\$0
Environmental	4.23 quarts	\$6/quart	\$25.38	Zero Emissions	0	\$0.00
Total Cost	\$2,642.20			\$504.00		

Projected payback of \$2138.20 per 1000 hours of usage

Specifications

High-Performance Industrial Mobile Power Station

Essential parameter	
Product Model	PHS3600P-US series
Weight	24kg
Dimensions	527 x 485 x 209 mm
Rated energy	2304Wh
Nominal voltage	72V*4*2 (4S2P)
Operating Environment	Rainproof
Heat dissipation mode	External natural cooling (internal air cooling)
Altitude of work	2000m
Power indicator light	10 power indicator lights
Working Temperature	Charge 5°C~40°C, discharge-15°C~55°C
Working humidity	10~90% RH
Storage humidity	5~95% RH
Power supply system	TN and TT
Indoor pollution levels	PD2
Outdoor pollution levels	PD3
Type of protection	Overcharge, Over discharge, Over current, Over temperature, Short circuit, Over voltage and other multiple protection
Input specifications	
Rated input voltage	120VAC
Rated input frequency range	55~65Hz
Rated input power	1200W
Power factor	0.99
Rated input current	10A
Input grid protection current	16A
Overvoltage Category	OVCII
Rated input bypass power	1200W

Output specifications

Rated output voltage	120VAC
Rated output frequency	60Hz, pure sine wave
Total rated output power	3600W
AC Output 1	120VAC: 2400W(NEMA 5-20:2400W)
AC Output 2	120VAC: 3600W(NEMAL5-30:3600W)
Total 150% overload / 5400 W(45.0 A)	>500s
Total 200% overload / 7200 W(60.0 A)	>60s
Total 250% overload / 9000 W (75.0 A)	>16s
Total 300% overload / 10800W(90.0 A)	>6.5s
Port 150% overload (L5-20) / 3600 W(30.0 A)	>500s
Port 200% overload (L5-20) / 4800 W(40.0 A)	>60s
Port 375% overload (L5-20) / 9000 W(75.0 A)	>16s
Port Other overload (L5-20) / 10800 W(90.0 A)	>6.5s
Peak power / 20000W	>1s
Output peak current	140A (maximum instantaneous value)
No-load power consumption	≤30W
Rated output bypass power	1000W

Battery specifications

Battery type	Li-ion
Battery design	INR22/71/[(20S)8S]H/-10+50/60
Battery capacity / voltage	4Ah/3.6V
Maximum discharge current	35A
Storage temperature	-20°C~50°C
Battery operating temperature	Charge 5°C~55°C, discharge-15°C~60°C



For additional information, find us on the web at
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