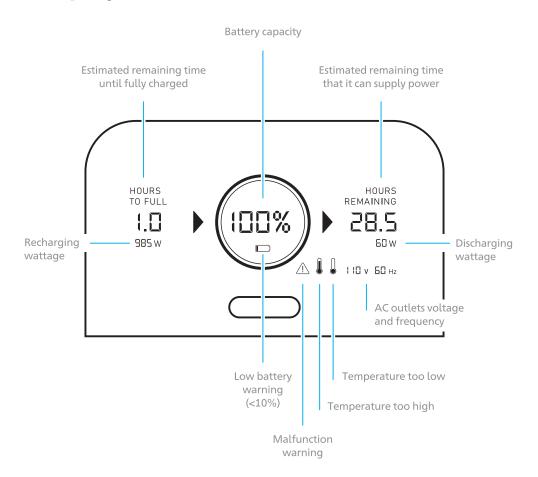
GENERARK

HomePower 2 - Plus

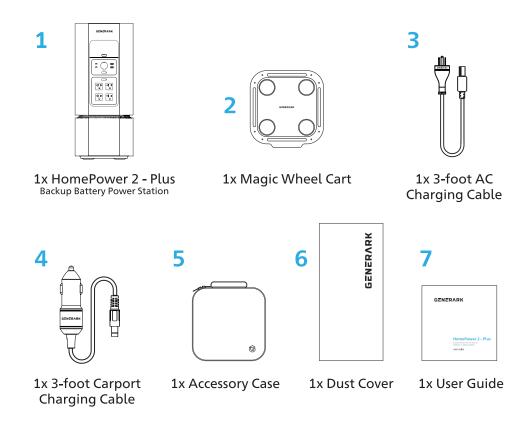
Backup Battery Power Station 2060WH / 2200W-4400W

USER GUIDE

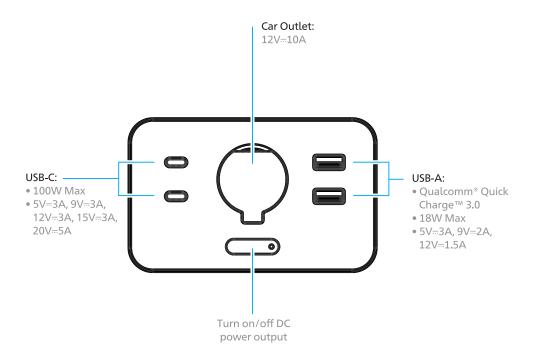
Display



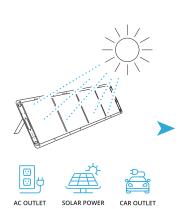
In the Box



DC Power Output



How It Works









HOWE AFFEIANCES



COMMUNICATION DEVICES



LIGHTING



MEDICAL DEVICES



HOME OFFICE







Charge or Harness the Sun's Energy

Charge the backup battery power station from a solar panel, AC outlet, or carport.



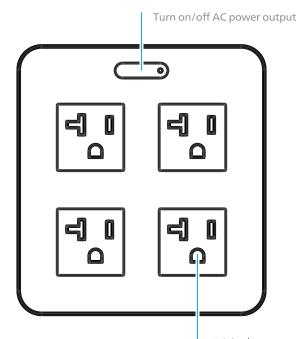
Store Electricity for Up to One Year

When fully charged, store electricity in the HomePower 2 for up to one year of emergency backup power.

Power Your Home Appliances

Power your devices from the stored energy by connecting them to your power station.

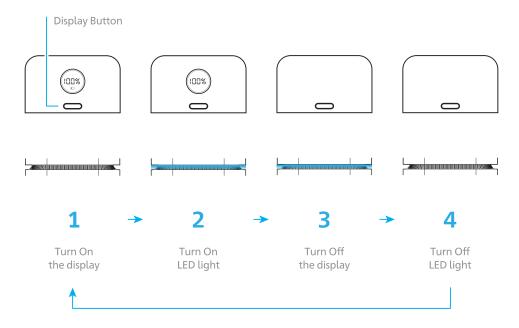
AC Power Output



AC Outlet:

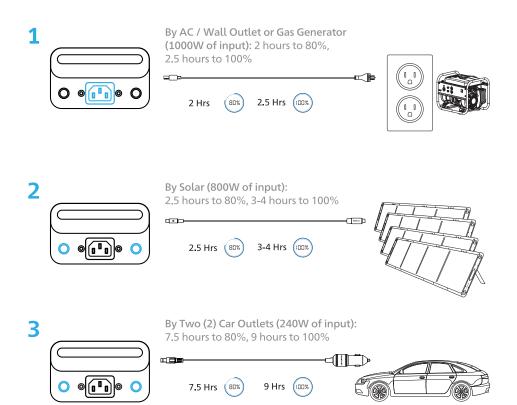
- 110V~ 20A, 60Hz
- Continuous Power: 2200 Watts
- Surge Power: 4400 Watts
- Pure-Sine Wave Output

Turn On/Off Display and LED Light



The display and the LED light consume additional power. Once they are turned on, they do not turn off automatically. When the HomePower 2 is not in use, make sure to turn off the display and the LED light to avoid draining power.

3 Ways to Recharge



LED Ambient Light



White - Solid: Normal



White - Breathing: Recharging



Yellow - Blinking 3 times every 3 minutes: Battery level lower than 10%

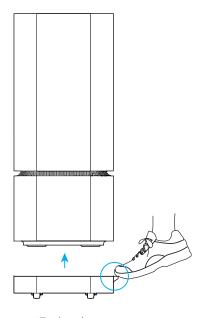


Red - Blinking 3 times every 1 minute: Battery level lower than 5%

Magic Wheel Cart



To attach: place the HomePower 2 on the wheel cart



To detach: use foot to click the wheel cart latch to detach

Estimated Usage Time

	Home Appliances	Estimated Usage Time	Assumptions
	REFRIGERATOR	10-30 Hrs	60-200W
	MICROWAVE	1-14 Days	500-1200W Use 3-10 times/day, each time 5-15 mins
	COFFEE MACHINE	1-7 Days	500-800W Use 3-10 times/day, each time 10 mins
	KETTLES	1-5 Days	800-1800W Use 3-10 times/day, each time 10 mins
	ELECTRIC FRY PAN	1-5 Days	800-1800W Use 3-6 times/day, each time 10-15 mins
	BLENDER	2-14 Days	300-850W Use 3-6 times/day, each time 5-10 mins
<u> </u>	ELECTRIC GRILL	1-5 Days	800-1800W Use 3-6 times/day, each time 10-30 mins
	ELECTRIC PRESSURE COOKER / INSTANT POT	1-5 Days	800-1200W Use 1-3 times/day, each time 30-60 mins
	RADIANT HEATER	1-9 Days	800-1800W Use 1-5 times/day, each time 15-60 mins
8	FANS	1-7 Days	50-100W Use 5-10 times/day, each time 1-4 hours
	HAIR DRYER	2-14 Days	800-1800W Use 1-3 times/day, each time 5-15 mins
 800	DISHWASHER	1-14 Days	200-600W Use 1-3 times/day, each time 30-60 mins
	Lighting	Estimated Usage Time	Assumptions
\$	LAMPS / LIGHTING	3-10 Days	5-100W Use 2-6 hrs/day

Estimated Usage Time

	Medical Devices	Estimated Usage Time	Assumptions
	CPAP MACHINE	4-15 Days	30-60W Use 4-8 hrs/day
	OXYGEN CONCENTRATOR	1-12 Days	150-500W Use 1-5 times/day, each time 1-4 hours
	BREAST PUMP	9-14 Days	20-50W Use 1-8 times/day, each time 15-30 mins
	Home Office	Estimated Usage Time	Assumptions
-	CELLPHONES	> 7 Days (150~200 charges)	2-10W
	PC/DESKTOPS	2-14 Days	30-100W Use 1-8 hrs/day
	LAPTOPS	> 7 Days (12~16 charges)	30-100W Use 1-8 hrs/day
	TVS	2-14 Days	60-250W Use 1-6 hrs/day
<u> </u>	WI-FI / ROUTER / MODEM	>7 Days	5-20W Use 1-8 hrs/day
@	CAMERA	>7 Days (75~100 charges)	10W
	Tools	Estimated Usage Time	Assumptions
	ELECTRIC DRILL	2-14 Days	500-900W Use 10-60 mins/day
	ELECTRIC SAW	2-14 Days	800-1200W Use 10-60 mins/day
	AIR COMPRESSOR	2-14 Days	800-4500W Use 10-60 mins/day

Specifications

Battery:

- Capacity: 2060.64Wh
- Type: High performance electric-vehicle-grade Lithium-ion battery
- Cycle Life: ≥500 cycles

Inputs:

- AC 3-pin Port: 110V~ 60Hz, 14.6A Max, 1314W
- 2x DC 8mm Ports:
 - 12.5V-54V=11A Max, 400W Max each (800W in total)
 - Built-in Maximum Power Point Tracking (MPPT) charge controller

Outputs:

- 4x AC Outlets:
 - 110V~ 20A, 60Hz
 - Continuous Power: 2200 Watts
 - Surge Power: 4400 Watts
 - Pure-Sine Wave Output
- 2x USB-C:
 - 100W
 - 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-5A
- 2x USB-A:
 - Qualcomm® Quick Charge™ 3.0
 - 18W Max
 - 5V-3A, 9V-2A, 12V-1.5A
 - 1x Car Outlet: 12V-10A

Safety Protection:

- Over Charge Protection
- Over Discharge Protection
- Short Circuit Protection
 Over Current Protection
- Over Current Protection
- Over Voltage Protection
 Over Temperature Protection
- Over Temperature Protection

Dimensions & Weight:

- Dimension: L 10.16" x W 10.16" x H 23.78" (25.8 x 25.8 x 60.4 cm)
- Dimension (with wheel cart): L 10.16" x W 10.16" x H 25.47" (25.8 x 25.8 x 64.7 cm)
- Weight: 47.4 lbs (21.5 kg)
- Weight (with wheel cart): 48.7 lbs (22.1 kg)

Temperature:

- Operating Temperature (Charging): 32°F ~ 104°F (0°C ~ 40°C)
- Operating Temperature (Discharging): 14°F ~ 104°F (-10°C ~ 40°C)

Troubleshooting & FAQ

What devices can the HomePower 2 charge or power?

The HomePower 2 has multiple output ports including 2x USB-A, 2x USB-C, 4x AC outlets, and a car outlet. It can charge and power crucial communication devices, home appliances, security devices, cameras, lighting, medical devices, tools, and more.

The USB-A and USB-C ports can charge common battery-powered devices charged by USB ports.

The AC outlets can charge and power devices that operate at less than 2200 Watts for the HomePower 2 - Plus, and less than 1800W for the HomePower 2 - Starter.

The total wattage output from the HomePower 2 should be under 2200 watts for the Plus, and 1800 watts for the Starter. If exceeded, the HomePower 2 will shut off automatically.

Please check your device's specifications before use.

How long can the HomePower 2 power up my device?

As a general rule of thumb, working time = capacity (Wh) X 0.85 / operating wattage of your device.

For example, if your device is 60W, with the HomePower 2 - Plus, the working time will be about 2060Wh X 0.85 / 60W=29.2hrs.

Please note: the actual working time may vary from different usages and conditions.

Can I charge my HomePower 2 while supplying power to other devices at the same time?

Yes! The HömePower 2 can be recharged via the DC 8mm input ports (by solar or by car outlet) while powering up and charging other devices. When the HomePower 2 is being recharged via the AC 3-pin port, the DC outputs (USB-C, USB-A, car outlet) can still supply power output, but the four AC outlets can not supply power output.

Can the HomePower 2 power the whole house?

Please note that the HomePower 2 is designed to be a PORTABLE backup battery power station. It keeps your choice of home devices charged and operational for up to 7 days (depending on the power required by the individual device and the frequency of your using it). It's compatible with home appliances, electronic communication and medical devices, security systems, and more. You can conveniently take the HomePower 2 to the area where your device is located, and plug your device into the unit. If your devices are located in different areas and you need to power them at the same time, you can either move all the devices to one area or buy multiple HomePower 2 units for more backup power and flexibility.

Does the HomePower 2 turn on automatically if the power goes out?

The HomePower 2 is a portable power station. You will need to plug your device into the unit and turn on the unit after the power at your home goes out. It doesn't turn on automatically for safety reasons.

Can I use the HomePower 2 indoors?

Yes, the HomePower 2 can be used indoors. It doesn't emit any gas or harmful substances. It's 100% safe to be used indoors.

How long will the HomePower 2 last?

The HomePower 2 will hold its full charge for a minimum of one year. As best practice, we recommend using and recharging it every six months to keep the product in good condition. After 500 full cycles of recharging (from 0% to 100%), the battery will retain at least 80% of its original capacity. If you adopt the best recharging practice, i.e. recharging it before the battery level drops below 25%, the capacity loss rate will improve significantly. The battery will retain at least 90% to 95% of its original capacity after 500 cycles. We expect our products to last for a long time and you don't need to change the battery inside.

Is the HomePower 2 waterproof?

The HomePower 2 is NOT waterproof. Please do not store or use it in humid environments for long periods of time.

Safety Information

INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK. OR INJURY TO PERSONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING-When using the unit, the following basic precautions should always be adhered to:

- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c) Do not put fingers, hands, or other unrelated items into any opening of the product.
- d) Use of an attachment not recommended or sold by Generark may result in a risk of fire, electric shock, or injury to persons.
- e) To disconnect devices from the unit, pull from the plug, never the cord, in order to eliminate the risk of damage.
- f) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- g) Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
- h) Do not disassemble or attempt to make changes to the power pack. When service or repair is required, it should be conducted by a qualified service person. Incorrect reassembly may result in a risk of fire or electric
- i) To reduce the risk of electric shock, unplug the power pack from the outlet before allowing service, repairs, or disassembly to occur. i) PERSONAL SAFETY PRECAUTIONS
- 1) Keep plenty of fresh water and soap nearby when working with or near the battery, in case battery acid contacts skin or clothing.
- 2) Wear complete eye protection and clothing protection. Avoid touching eyes while working near battery.
- 3) If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and seek further medical attention immediately.
- 4) NEVER smoke or allow a spark or flame in the vicinity of battery. 5) Be extra cautious to reduce risk of dropping a metal tool onto the battery. Impact to the battery may cause a spark, short-circuit, or other electrical explosion.
- k) When charging the internal battery, do not restrict ventilation in any
- l) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns
- m) Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 265°F /130°C may cause explosion. n) Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

SAVE THESE INSTRUCTIONS

OPERATING INSTRUCTIONS

 Use and store the unit only in a dean and dry environment. DO NOT use and store in dusty and wet environment.

- Check the unit prior to every use, DO NOT use the unit if it is damaged.
- If rust, peculiar odors, overheating, or other abnormal circumstances are observed, stop using the unit immediately and contact the dealer or our customer service center.
- Make sure that the unit is properly secured when transporting it in a motor vehicle.
- . Only charge, use, and store the unit within an ambient temperature of 32 ~ 104°F (0 to 40°C).
- Switch the unit off immediately if it has accidentally fallen, was dropped.
- or was exposed to vibrations. DO NOT use the unit if the power cord is damaged or broken.
- Keep the unit away from children, DO NOT let children use the power. supply unit. Keep this product away from pets.
- DO NOT use the unit in an area or environment with high temperature.
- Should fluid from inside of the unit come in contact with your skin or clothing, wash the affected areas with tap water.
- In a storm, unplug the power cord from the socket.
- DO NOT charge the unit via power supply systems that operate outside of 100-240V.
- DO NOT place the unit on its side or upside down while in use or storage.
- DO NOT use accessories for other usage.
- Make sure that the device you are connecting is switched off before you connect it.
- DO NOT expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 265°F / 130°C may cause explosion.
- Solar charge times depend on weather conditions. Place your solar panel where it will get as much direct sunlight as possible.
- DO NOT place the power pack on the floor, or at a height less than 457 mm (18 inches) above the floor, during use in a repair facility.

Warning: Do not remove the battery pack without permission. If you need to repair the battery pack, contact your local manufacturer as soon as possible.

DANGER: This device is intended to be used indoors only. Do not use outdoors under any conditions.

MOVING AND STORAGE INSTRUCTIONS

- . DO NOT move the unit if it is recharging or in use.
- DO NOT dispose of the unit together with household waste.
- DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight.
- · DO NOT store the unit in a bathroom or in an area exposed to rain or
- DO NOT disassemble the power pack. Take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- DO NOT store the unit in an area or environment with high temperature.

USER MAINTENANCE INSTRUCTIONS

- Before using or storing, plug your unit into the wall until it is fully charged. If you see the LCD battery is low at any point, plug it into a power source, like an AC outlet or a solar panel as soon as possible.
- To preserve the battery lifespan, please use and recharge at least once every 6 months.

Support

If you experience any problems with your Generark product(s). please contact our support team at generark.com/support or email us at support@generark.com

Website: www.generark.com



- Here are the ventilation vents for heat disbursement.
- Remove any object that covers up the vents before use.
- Do not cover the vents while the unit is in use, as it may cause overheating and damage.
- Do not pour water or liquid into the vents, as it may cause electrical damage and shock.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
 (2) This device must accept any interference received, including interference that may cause undesired operation.



VARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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