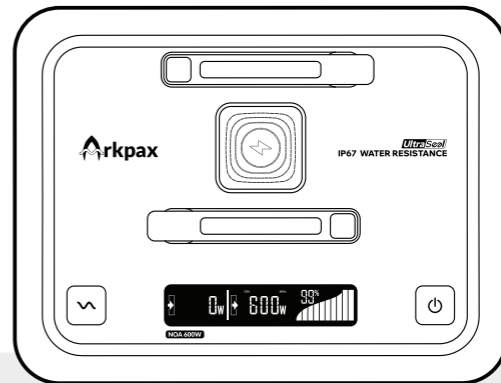


WATER ^{UltraSeal} RESISTANT

PORTABLE POWER STATION

NOA

U600-US



TWS TECHNOLOGY LLC
1209 Orange St., Wilmington, DE 19801, USA

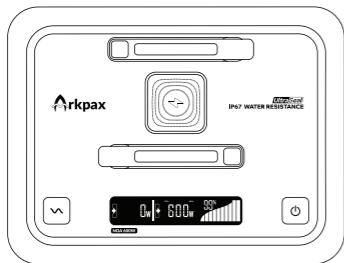


USER
MANUAL

WHAT'S IN THE BOX

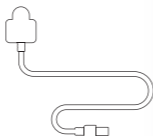
01

NOA 600W



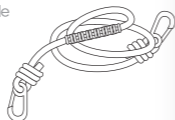
02

AC Cable



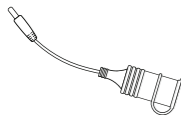
03

Hulk Belt Handle



04

5521 to Carport Connector



05

Accessories Pouch



06

User Manual



07

Please ensure that you have received all of the accessories. If any items are missing, please do not hesitate to contact us at info@Arkpax.com.

WATER RESISTANCE PORTABLE POWER STATION NOA 600W

Unboxing Notes



01

This manual contains instructions in English and Japanese. For instructions in German, French, Spanish, Italian, or Korean, please visit our website at www.arkpax.com and download the PDF version of the manual or scan QR code on the left.

02

Ensure that you have received correct model and accessories, and fully charge it by plugging it into a suitable power outlet.

03

Before using this product, please read this "User manual" carefully and use it correctly. If you have any issues, please contact us at info@arkpax.com for assistance.

DISCLAIMER

01

By beginning to use this product, you are deemed to have accepted and agreed to all the terms of this document. Improper use of this product can cause serious harm to yourself, others, product damage, and property damage. We strongly advise you to review this manual thoroughly and keep in safe place for future reference.

02

Our company is not responsible for any damage caused by fire, earthquake, acts by third parties, accidents, customer negligence, misuse, malfunction, or use under abnormal conditions. Our company shall not be held responsible for any damage caused by customers who do not use the product according to this manual. While we will comply with the law, our company has the final right to interpret this document and this product. Please note that we will not provide direct notifications in case of any updates, revisions, or termination.

SPECIFICATIONS

01 General Information

Model	U600-US	Net weight	Approx. 9.3kg/20.5lb
Dimensions	Approx. 148×330×252mm	Power	600W Max.
Battery capacity	504Wh (22.4V=, 22.5Ah)		

02 Output

AC output	Pure sine wave, 600W total output peak 1200W/0.2s, 120V~60Hz	5521 output (with car port connector)	12V=, 10A Max., 120W Max.
USB-C output (×2)	C1: PD3.0~5/9/12/15/20V=, 100W Max. C2: PD3.0~5/9/12/15/20V=, 36W Max.	Light	6000~6500K 1.2W Max.

03 Input

DC input (XT-60)	11-30V=, 12A Max., 240W Max.	AC input	600W Max.
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04 Cell specifications

Cell Type	LFP (Lithium Iron Phosphate)	Protection	Over discharge protection
Cycle Life	3000 cycles to 80% + capacity		Over charge protection
Protection	IP67 water resistance		Overload protection
	High temperature protection		Short circuit protection
	Low temperature protection		Over current protection

05 Operating temperature

Operation temperature	14~104°F (-10~40°C)	AC charging temperature	32~104°F (0~40°C)
Solar charging temperature	32~104°F (0~40°C)	Storage temperature	-4~113°F (-20~45°C)

SAFETY GUIDE

Warning

- 01 This product is able to withstand immersion in water up to 1 meter deep for 30 minutes without malfunctioning when it leaves the factory.
- 02 However, we do not recommend prolonged or frequent water immersion as it may affect the actual lifespan of the product.
- 03 If the product is used at the beach or exposed to sea water, we advise users to clean it with either a neutral cleaning agent or clean water.
- 04 Always supervise children when they are using the product, especially younger children who may not understand the risks involved.
- 05 It is prohibited to expose the power station to heat sources, such as fire or a heating furnace, or not follow operation temperature instructions.
- 06 Strictly follow the recommended operating temperature when using the power station. Overly high temperatures may cause the battery to catch fire or even explode, while overly low temperatures will seriously degrade power station performance and may cause it to stop functioning altogether.
- 07 It is prohibited to disassemble or damage the power station in any way, as this may cause water intrusion, fire, explosion, electric shock, or other unpredictable risks.
- 08 Do not use unauthenticated accessories, which may cause electric shock or other unpredictable risks.
- 09 It is prohibited to use damaged cables or plugs with the power station to avoid electric shock or other unpredictable risks.
- 10 Unplug the power supply when the power station is not in use.
- 11 Store the power station properly and keep it out of reach of children and pets.
- 12 We suggest fully charging the power station before long-term storage to ensure you have enough power for emergency use.
- 13 We suggest fully charging the power station every 6 months.
- 14 Make sure you are not storing the power station in low battery mode. Low battery storage for a long time may permanently damage the battery and render it unable to recharge.

Disposal

- 01 If possible, please discharge the power station completely before recycling. Do not dispose of it with normal garbage. You should follow your local government's guidance or laws for battery disposal.
- 02 If the power station is broken or malfunctioning and cannot be discharged, please contact your local professional battery recycling facility or company for instructions.

OPERATION

Discharge

01 AC discharge

To discharging using the AC ports, connect a compatible device and press the AC button. The indicator light around the button will turn on, indicating that the power station is discharging. Press the button again to stop discharging.

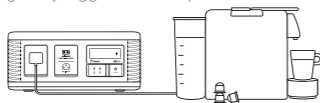
This product is equipped with a power-saving mode for AC output. When there is no load or the load is low (below 5W), the output will turn off after 3 minutes. Additionally, even if the load is above 5W, the output will automatically turn off after 12 hours.

To activate continuous AC output for low-consumption appliances or devices with a power-saving mode, double-click the AC button. The button light will flash at 1-second intervals. Double-click the button again or turn off the device to exit.



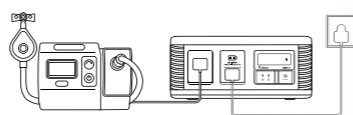
02 Support capsule coffee maker

NOA 600W is designed to support capsule coffee maker approx. 1200W rated power. Please check your coffee maker specification before use. Plug-in capsule coffee maker to AC output and press AC button to output. Follow coffee machine instructions to operate. NOA 600W can continuously make 5 cups of coffee. Elongate usage may trigger over heat protection.



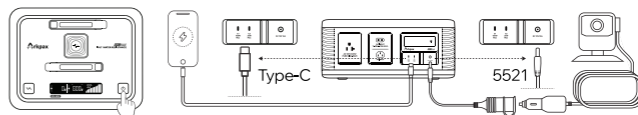
03 Bypass mode(UPS) ≤ 20ms

When the power station is plugged into an AC wall socket to charge and the AC output is used simultaneously, the power station will enter bypass mode (UPS). Additionally, during a power outage, the power station will automatically switch over to battery power within 20ms.



04 DC discharge

Press the Power button to enter work mode. The indicator light around the button will turn on. Connect any compatible device to start discharging by Type-C ports. Double-click the Power button in work mode to activate 5521 output. The button light will flash at 1-second intervals. Triple-click the Power button in work mode to activate continuous output for DC ports. The button light will flash at 0.5-second intervals. Double-click the button again or turn off the device to exit.

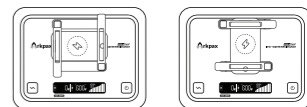


WARNING

ENABLING CONTINUOUS MODE WILL REDUCE THE WATER DETECTION SENSITIVITY OF THE 5521 PORT. ONLY USE THIS MODE IN DRY CONDITIONS TO PREVENT POTENTIAL DAMAGE OR MALFUNCTION.

05 Wireless charging

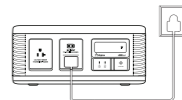
Place your mobile phone or headphones on the wireless charging pad to start charging. The built-in magnet will snap your phone into place, ensuring optimal charging performance. The NOA 600W features a specially designed protective strap to safeguard your phone while on the go. You can position your phone either vertically or horizontally.



Recharge

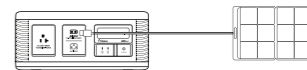
06 AC cable

To charge the power station using the AC cable, plug the cable into the input port, then plug it into a wall socket.



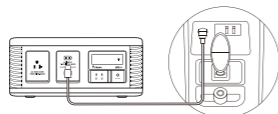
07 Solar panel(sold separately)

Please contact your local reseller for Arkpax solar panels. The power station supports up to 240W Max. panels. Plug-in the solar panel (XT60) to charge.



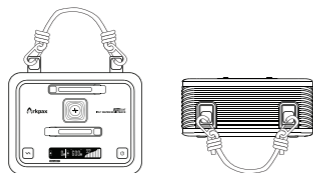
08 Car adapter(sold separately)

To charge the power station using a car adapter, please contact your local reseller for compatible products. The power station supports adapters up to 240W Max. To charge, plug the car adapter into the input port.



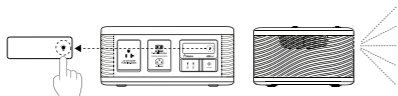
09 Hulk Belt Handle

We have invented a detectable handle, which provides a special way to carry your NOA 600W portable power station. When you don't need to carry the NOA 600W around, you can detach the handle to make it look great in your home.



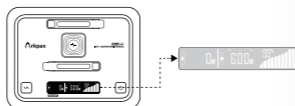
10 Light

To switch on the light, press the button once for a dim light, press it again for full brightness, and press it once more to turn off the light. To enter SOS mode, long press the Light button for 2-3 seconds. Press the button again to turn off SOS mode.



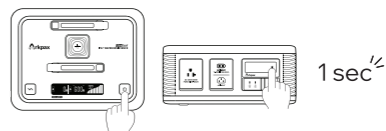
11 Display

When the power station is not in use, the display will automatically turn off after 3 minutes of inactivity. To turn the display back on, press the Power button.



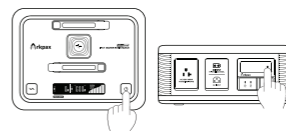
12 Buzzer

Press both the Power and the light key for 1 second. Two beeps and dark screen means it's disabled. The buzzer only sounds during system abnormalities. To re-enable the buzzer, repeat the action. If the screen stays on, the buzzer is enabled.



13 Wind-dry

We recommend drying the NOA 600W internally after washing it. For drying, briefly press both the Power and the light key and the buzzer sounds for 0.5 seconds. The fan runs at 100% for 2 hours, and the system key light flashes every 2 seconds. Repeat to exit.



14 Low battery protection

When the battery level displayed is at 0%, there is still a certain amount of power remaining to protect the battery cells and BMS system.



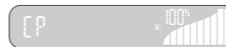
15 Water immersion warning



Type-C (C1-C2) water immersion



AC water immersion



5521 port water immersion



Water Immersion Alert
for the Entire Machine

FAQ

- 01

What type of battery is used in the power station?
The power station uses EV grade high-quality LiFePo4 (Lithium Iron Phosphate) battery.
- 02

What devices can be driven by the power station's AC output port?
The power station's AC output port has a continuous power of 600W, peak at 1200W and can supply power to most consumer electrical products. However, it is recommended that you confirm the power of the electrical appliance before use. To ensure that the sum of the power of all load devices is less than the power station's rated power.
- 03

Why is there a humming sound when using the power station?
The power station is designed with an air-cooling system, and the built-in low-noise water resistance fan runs at ≤40db to aid in heat dissipation. It is normal to hear a faint noise when using it.
- 04

How to know how long the power station's power lasts?
The LCD displays the battery remain discharge time for devices with stable power usage.
- 05

Can the power station be brought on board a plane?
No, this product contains a lithium battery. According to the International Air Transport Standard Regulations, any products carrying lithium batteries over 100Wh cannot be brought on board a plane.
- 06

Is the actual output capacity the same as the nominal capacity?
There is a certain efficiency loss when charging and discharging the power station. The nominal capacity is the battery pack's rated capacity. As such, the actual output capacity is slightly lower than the nominal capacity.
- 07

Can I plug the NOA 600W into an AC wall socket to charge the device and use the AC output simultaneously?
Yes, you can use the AC output while the power station is plugged into an AC wall socket to charge. However, please note that using both functions simultaneously may trigger the bypass discharge feature, which will limit the charging power if output is fully loaded. Additionally, in the event of a power outage, the NOA 600W power station has a UPS function that will automatically switch over to battery power within 20ms.
- 08

What is the water resistance of NOA 600W?
The device has an IP67 rating according to IEC/EN Standard 60529, ensuring resistance to immersion in water up to 1 meter for 30 minutes. Please note, this resistance may decrease over time. Do not charge the device while wet, as liquid damage is not covered under warranty.

CHEMICAL HAZARDS AND TOXIC SUBSTANCES

Lead Pb	0	Chromium Cr VI	0	0 means all listed chemical hazards and toxic substances are below the limit requirement specified in the 2002/95/EC (RoHS) standard.
Mercury Hg	0	Polybrominated Biphenyls PBBs	0	
Cadmium Cd	0	Polybrominated Diphenyl Ether PBDE	0	

TROUBLESHOOTING

Problem	Troubleshooting	Solutions
Not charging	The AC cable is not connected correctly.	Check whether the AC cable and the power station are connected to wall socket correctly.
	The power station has been washed or has been submerge in water. Water droplet icon lights up.	Remove the power station from wet area. Use a hair dryer to dry all ports. Turn on air-dry mode to speed up internal drying process.
No output	Power is on, display did not have warning sign(s), power input is 0.	The power station is not working. Please contact our after-sales service team.
	The connection cable between the device and power station is not connected. The output port button does not lights up.	Connect the device and the power station properly. Press the power button and check the output indicator on display.
Output interruption during usage	The power station low battery level icon is showing. The power station has been washed or has been submerge in water. Water droplet icon lights up.	Recharge the power station. Remove the power station from wet area. Use a hair dryer to dry all ports. Turn on air-dry mode to speed up internal drying process.
	Power is on, display did not have warning sign(s), power output is 0.	The power station is not working. Please contact our after-sales service team.
	The rated power of the device or the power fluctuation is greater than the supported surge power There are other problems.	Select our power stations with larger power. The power station is not working. Please contact our after-sales service team.

WARRANTY

Please store this User manual well for troubleshooting and fulfill your online registration.

Warranty period: Power station 24 months (*Accessories and pouch not included)

Warranty not included: Any unauthorized repair, Unpredictable cause damage, human cause damage, water intrusion, accident, modification, and or not using the power station correctly according to this user manual. Exceed 24 months period.

CERTIFICATION

FCC, UL, UN38.3, CEC, DOE, TSCA, CP65, IP67

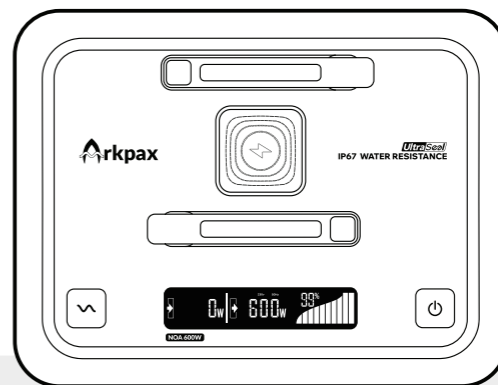
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WATER ^{UltraSeal} RESISTANT

PORTABLE POWER STATION

NOA

U600-EU



TWS TECHNOLOGY LLC
1209 Orange St., Wilmington, DE 19801, USA

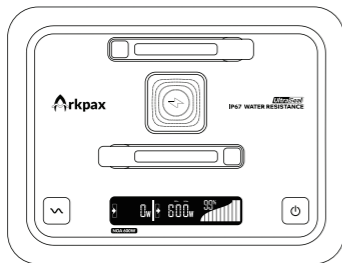


USER
MANUAL

WHAT'S IN THE BOX

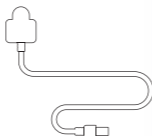
01

NOA 600W



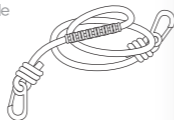
02

AC Cable



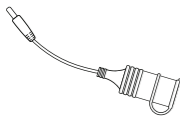
03

Hulk Belt Handle



04

5521 to Carport Connector



05

Accessories Pouch



06

User Manual



07

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WATER RESISTANCE PORTABLE POWER STATION NOA 600W

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Dimensions	Approx. 148×330×252mm	Power	600W Max.
Battery capacity	504Wh (22.4V=, 22.5Ah)		

02 Output

AC output	Pure sine wave, 600W total output peak 1200W/0.2s, 230V~50Hz	5521 output (with car port connector)	12V=, 10A Max., 120W Max.
USB-C output (×2)	C1: PD3.0~5/9/12/15/20V=, 100W Max. C2: PD3.0~5/9/12/15/20V=, 36W Max.	Light	6000~6500K 1.2W Max.

03 Input

DC input (XT-60)	11-30V=, 12A Max., 240W Max.	AC input	600W Max.
------------------	------------------------------	----------	-----------

04 Cell specifications

Cell Type	LFP (Lithium Iron Phosphate)	Protection	Over discharge protection
Cycle Life	3000 cycles to 80% + capacity		Over charge protection
Protection	IP67 water resistance		Overload protection
	High temperature protection		Short circuit protection
	Low temperature protection		Over current protection

05 Operating temperature

Operation temperature	-10~40°C (14~104°F)	AC charging temperature	0~40°C (32~104°F)
Solar charging temperature	0~40°C (32~104°F)	Storage temperature	-20~45°C (-4~113°F)

SAFETY GUIDE

Warning

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OPERATION

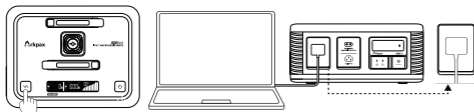
Discharge

01 AC discharge

To discharging using the AC ports, connect a compatible device and press the AC button. The indicator light around the button will turn on, indicating that the power station is discharging. Press the button again to stop discharging.

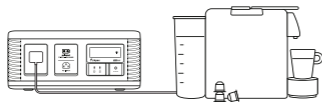
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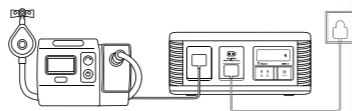
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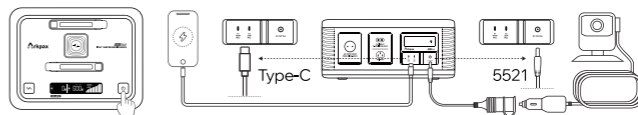
03 Bypass mode(UPS) ≤ 20ms

When the power station is plugged into an AC wall socket to charge and the AC output is used simultaneously, the power station will enter bypass mode (UPS). Additionally, during a power outage, the power station will automatically switch over to battery power within 20ms.



04 DC discharge

Press the Power button to enter work mode. The indicator light around the button will turn on. Connect any compatible device to start discharging by Type-C ports. Double-click the Power button in work mode to activate 5521 output. The button light will flash at 1-second intervals. Triple-click the Power button in work mode to activate continuous output for DC ports. The button light will flash at 0.5-second intervals. Double-click the button again or turn off the device to exit.

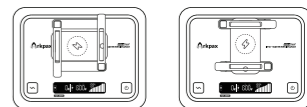


WARNING

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05 Wireless charging

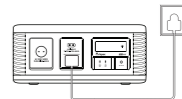
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Recharge

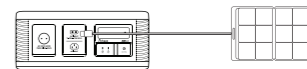
06 AC cable

To charge the power station using the AC cable, plug the cable into the input port, then plug it into a wall socket.



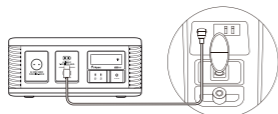
07 Solar panel(sold separately)

Please contact your local reseller for Arkpax solar panels. The power station supports up to 240W Max. panels. Plug-in the solar panel (XT60) to charge.



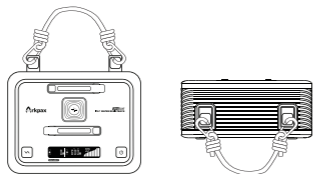
08 Car adapter(sold separately)

To charge the power station using a car adapter, please contact your local reseller for compatible products. The power station supports adapters up to 240W Max. To charge, plug the car adapter into the input port.



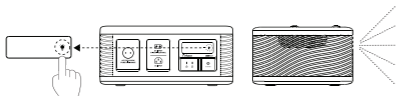
09 Hulk Belt Handle

We have invented a detectable handle, which provides a special way to carry your NOA 600W portable power station. When you don't need to carry the NOA 600W around, you can detach the handle to make it look great in your home.



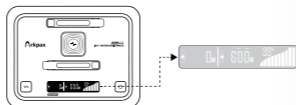
10 Light

To switch on the light, press the button once for a dim light, press it again for full brightness, and press it once more to turn off the light. To enter SOS mode, long press the Light button for 2-3 seconds. Press the button again to turn off SOS mode.



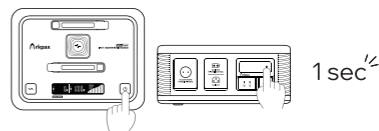
11 Display

When the power station is not in use, the display will automatically turn off after 3 minutes of inactivity. To turn the display back on, press the Power button.



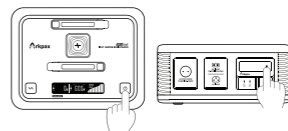
12 Buzzer

Press both the Power and the light key for 1 second. Two beeps and dark screen means it's disabled. The buzzer only sounds during system abnormalities. To re-enable the buzzer, repeat the action. If the screen stays on, the buzzer is enabled.



13 Wind-dry

We recommend drying the NOA 600W internally after washing it. For drying, briefly press both the Power and the light key and the buzzer sounds for 0.5 seconds. The fan runs at 100% for 2 hours, and the system key light flashes every 2 seconds. Repeat to exit.



14 Low battery protection

When the battery level displayed is at 0%, there is still a certain amount of power remaining to protect the battery cells and BMS system.



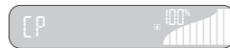
15 Water immersion warning



Type-C (C1-C2) water immersion



AC water immersion



5521 port water immersion



Water Immersion Alert
for the Entire Machine

FAQ

- 01

What type of battery is used in the power station?
The power station uses EV grade high-quality LiFePo4 (Lithium Iron Phosphate) battery.
- 02

What devices can be driven by the power station's AC output port?
The power station's AC output port has a continuous power of 600W, peak at 1200W and can supply power to most consumer electrical products. However, it is recommended that you confirm the power of the electrical appliance before use. To ensure that the sum of the power of all load devices is less than the power station's rated power.
- 03

Why is there a humming sound when using the power station?
The power station is designed with an air-cooling system, and the built-in low-noise water resistance fan runs at ≤40db to aid in heat dissipation. It is normal to hear a faint noise when using it.
- 04

How to know how long the power station's power lasts?
The LCD displays the battery remain discharge time for devices with stable power usage.
- 05

Can the power station be brought on board a plane?
No, This product contains a lithium battery. According to the International Air Transport Standard Regulations, any products carrying lithium batteries over 100Wh cannot be brought on board a plane.
- 06

Is the actual output capacity the same as the nominal capacity?
There is a certain efficiency loss when charging and discharging the power station. The nominal capacity is the battery pack's rated capacity. As such, the actual output capacity is slightly lower than the nominal capacity.
- 07

Can I plug the NOA 600W into an AC wall socket to charge the device and use the AC output simultaneously?
Yes, you can use the AC output while the power station is plugged into an AC wall socket to charge. However, please note that using both functions simultaneously may trigger the bypass discharge feature, which will limit the charging power if output is fully loaded. Additionally, in the event of a power outage, the NOA 600W power station has a UPS function that will automatically switch over to battery power within 20ms.
- 08

What is the water resistance of NOA 600W?
The device has an IP67 rating according to IEC/EN Standard 60529, ensuring resistance to immersion in water up to 1 meter for 30 minutes. Please note, this resistance may decrease over time. Do not charge the device while wet, as liquid damage is not covered under warranty.

CHEMICAL HAZARDS AND TOXIC SUBSTANCES

Lead Pb	0	Chromium Cr VI	0	0 means all listed chemical hazards and toxic substances are below the limit requirement specified in the 2002/95/EC (RoHS) standard.
Mercury Hg	0	Polybrominated Biphenyls PBBs	0	
Cadmium Cd	0	Polybrominated Diphenyl Ether PBDE	0	

TROUBLESHOOTING

Problem	Troubleshooting	Solutions
Not charging	The AC cable is not connected correctly.	Check whether the AC cable and the power station are connected to wall socket correctly.
	The power station has been washed or has been submerge in water. Water droplet icon lights up.	Remove the power station from wet area. Use a hair dryer to dry all ports. Turn on air-dry mode to speed up internal drying process.
No output	Power is on, display did not have warning sign(s), power input is 0.	The power station is not working. Please contact our after-sales service team.
	The connection cable between the device and power station is not connected. The output port button does not lights up.	Connect the device and the power station properly. Press the power button and check the output indicator on display.
Output interruption during usage	The power station low battery level icon is showing. The power station has been washed or has been submerge in water. Water droplet icon lights up.	Recharge the power station. Remove the power station from wet area. Use a hair dryer to dry all ports. Turn on air-dry mode to speed up internal drying process.
	Power is on, display did not have warning sign(s), power output is 0.	The power station is not working. Please contact our after-sales service team.
	The rated power of the device or the power fluctuation is greater than the supported surge power There are other problems.	Select our power stations with larger power. The power station is not working. Please contact our after-sales service team.

WARRANTY

Please store this User manual well for troubleshooting and fulfill your online registration.

Warranty period: Power station 24 months (*Accessories and pouch not included)

Warranty not included: Any unauthorized repair, Unpredictable cause damage, human cause damage, water intrusion, accident, modification, and or not using the power station correctly according to this user manual. Exceed 24 months period.

CERTIFICATION

UN38.3, CE-LVD, CE-EMC, REACH, RoHS, WEEE, CE-RED, IP67

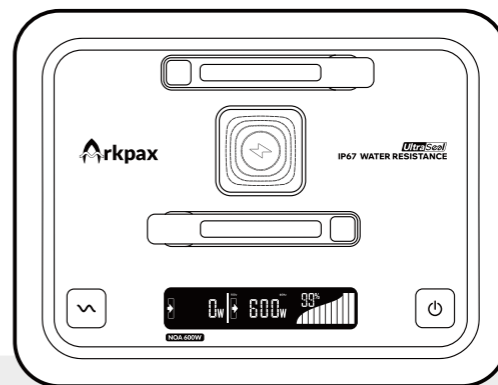
The device has an IP67 rating according to IEC/EN Standard 60529, ensuring resistance to immersion in water up to 1 meter for 30 minutes. Please note, this resistance may decrease over time. Do not charge the device while wet, as liquid damage is not covered under warranty.

防塵防水ポータブル電源

PORTABLE POWER STATION

NOA 600W

U600-JP_2502.03



TWS TECHNOLOGY LLC
1209 Orange St., Wilmington, DE 19801, USA

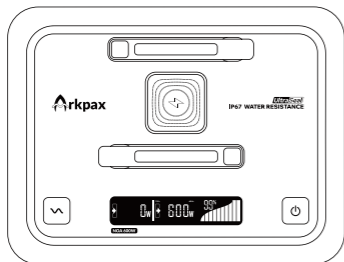


ユーザー
マニュアル

セット内容

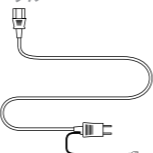
01

NOA 600W
本体



02

ACケーブル



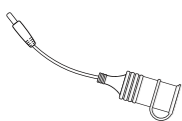
03

Hulk Belt
ハンドル



04

DC出力ケーブル
(5521 - シガーソケットコネクター)



05

アクセサリポーチ



06

ユーザーマニュアル



07

製品保証書



08

ご使用前にすべての付属品が揃っているか必ずご確認ください。

最初にご確認 ください



01

ご使用前に本ユーザーマニュアルをお読みいただき、安全な場所
で正しくお使いください。誤った使用方法是、火災や感電などの原
因となり大変危険ですので絶対にしないでください。

02

本マニュアルに記載した内容は、予告なく変更する場合があります
最新のマニュアルは、以下のサイトより入手してください。

<https://arkpax.jp/pages/manual>

03

本製品は日本国内専用の仕様となっています。日本国外では使用
できません。海外での使用は保証・修理の対象外となります。

免責事項

01

この製品の使用を開始することにより、本書のすべての条件に同
意したものとみなされます。この製品の不適切な使用により、自分
自身や他者に重大な危害を及ぼし、製品や財産に損害を与える可
能性があることを十分ご理解の上、必ずこのマニュアルを確認し、
使用中はいつでも確認できる場所に保管してください。

02

当社は、火災、地震などの天災、第三者の使用による事故等、ユー
ザーの過失や誤った使用による故障、または許容外な過酷な環境
下での使用によって発生したいかなる損害についても責任を負い
ません。

03

本製品は医療機器には使用しないでください。医療機器に使用し
たことに起因する損害について一切責任を負いません。また接続
した機器に関する不具合や保存データの消失等の保証は致しか
ねます。なお、更新、改訂、または終了に関して直接通知は行い
ませんのでご了承ください。

仕様

01	一般的な情報
モデル	U600-JP
寸法	約W330×D252×H148mm
バッテリー容量	504Wh (22.4V＝, 22.5Ah)
本体重量	約9.3kg
電力	600W 最大

02	出力
AC出力	正弦波、総出力600W サージ1200W/0.2秒、100V～50/60Hz
USB-C出力(x2)	C1: PD3.0～5/9/12/15/20V＝, 100W 最大 C2: PD3.0～5/9/12/15/20V＝, 36W 最大
5521出力 (シガーソケット変換コネクタ付き)	12V＝, 10A最大, 120W 最大
照明	6000～6500K 1.2W 最大

03	入力
AC入力	600W
DC入力 (XT-60)	11-30V＝, 12A 最大, 240W 最大

04	電池セルの仕様
電池セルのタイプ	LFP (リン酸鉄リチウムイオン)
充放電サイクル	3000 サイクル
保護	IP67の耐水性 高温保護 低温保護 過放電保護 過充電保護 過負荷保護 短絡保護 過電流保護

05	動作温度
動作温度	-10～40℃
ソーラー充電時温度	0～40℃
AC充電時温度	0～40℃
保管温度	-20～45℃

- 01 本製品を高所から落としたり、投げたりして強い衝撃を与えないでください。また品製品や付属品を分解、修理、改造しないでください。
- 02 本製品は落下や転倒の恐れのない安定した場所でご使用ください。
- 03 本製品は火の中には絶対入れないでください。また、火のそばや熱器具のそばなど高温(45℃以上)になる場所での使用や放置はしないでください。炎天下の車内などの、高温の場所で使用・放置もしないでください。
- 04 本製品使用時には、動作・保管温度を厳守してください。過度な高温環境での使用はバッテリーの発火や破裂を引き起こす可能性があり、過度な低温にすると、ポータブル電源の性能を著しく低下させ、完全に機能しなくなる可能性があります。
- 05 発煙、異臭、落下等による破損、異音のような異常が発生したときは、直ちに使用をやめ、ACケーブルをすぐにコンセントから抜いてください。また、接続している機器も全て外してください。
- 06 損傷したケーブルやプラグは使用しないでください。また使用しない時はACケーブルをコンセントから抜いてください。
- 07 本製品はお子様やペットの手の届かないところに保管してください。またお子様だけでは使用しないでください。
- 08 端子部分に金属類で触れたりしてショートさせないでください。
- 09 本体が濡れた状態や、濡れた手で、本体やケーブル類、プラグには触れないでください。
- 10 本製品は、IP67規格の防塵防水性能を備えています。IP67の防塵防水性能は、粉塵の侵入を完全に防止、真水深さ1mに30分間浸しても影響が無いことに適合しておりますが、長時間の浸水や頻繁な浸水などは、実際の製品性能に影響を与える可能性があるため、お勧めしません。また、水中での通電や使用は絶対にしないでください。
- 11 製品を海辺で使用したり海水にさらされた場合、きれいな水で海水を軽く洗い流し、本体表面は、水で薄めた中性洗剤を柔らかい布に含ませ汚れを拭き取った後、水を含ませ固く絞った柔らかい布で水分が残らないように拭き取ってください。
- 12 本製品は医療機器への使用はできません。

廃棄

- 01 本製品にはバッテリーが含まれています。一般ごみとして廃棄することはできません。廃棄の際はバッテリーを完全に放電し、お住まいの自治体に廃棄方法をお問い合わせください。
- 02 製品の故障や不具合により完全に放電できない場合、お近くのバッテリーサイクル施設またはリサイクル業者にお問い合わせの上、指示に従ってください。

操作

出力

01

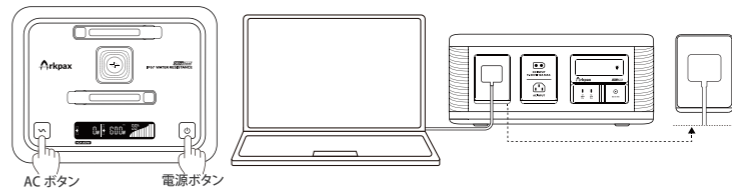


AC出力

ACポートを使用して出力するには、対応するデバイスを接続し、電源ボタンを軽く押し、ボタン周りのインジケータライトが点灯後、ACボタンを押してください。ボタン周りのインジケータライトが点灯し、出力が開始されます。再度ACボタンを押すと出力が停止します。

本製品はAC出力に対する省電力モードが搭載されています。負荷が無い場合や負荷が低い場合(5W以下)、3分間で出力がオフになります。又、5W以上であっても、12時間後に自動的に出力がオフになります。

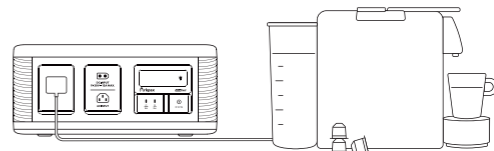
連続してAC出力を有効にするには、ACボタンをダブルクリックしてください。ACボタン周りのインジケータライトが点滅します。連続使用を終了するためには、再度ACボタンをダブルクリックするか、デバイスの電源をオフにして終了します。



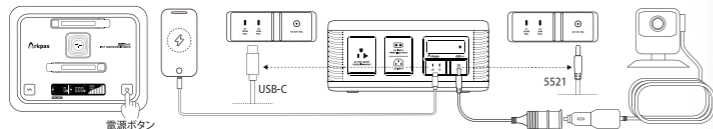
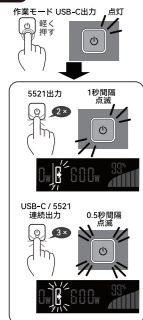
02

カプセル式コーヒーマーカーのご使用

NOA 600Wは、約1200Wの定格電力のカプセル式コーヒーマーカーのご使用を想定し設計されています。連続使用にて5杯のコーヒーを作ることができます。使用前にはカプセル式コーヒーマーカーの仕様を確認し、マニュアルに従って操作してください。使用時間が長くなると、安全確保のため、過熱保護機能が作動することがありますためご注意ください。



DC出力(USB-C / 5521)



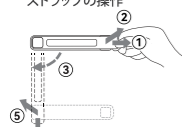
注意

USB-C ポートの出力を 連続モードで使用する時は、必ず水気のない乾燥した状態でのみ使用してください。濡れた状態で電源ボタンをトリプルクリックし連続モードにすると、5521 ポートの水検出感度が低下し、潜在的な損傷や故障の原因となります。

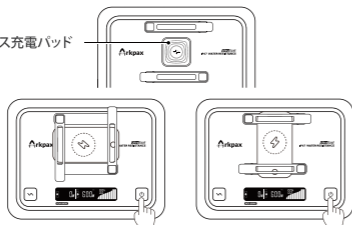
ワイヤレス充電対応機器への充電



ストラップの操作



ワイヤレス充電パッド



USB-Cポートでの出力を行うには、電源ボタンを軽く押してください。ボタン周りのインジケータが点灯し、動作モードに入り、USB-Cポートからの出力が開始されます。この状態で負荷がない場合、5分後に自動で電源がオフになります。

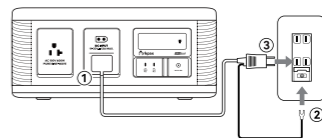
5521ポートでの出力を行うには、電源ボタンを軽く押してインジケータが点灯し、動作モードに入った後、電源ボタンを2回連続で押してください。ボタン周りのインジケータとディスプレイ内の出力枠が1秒毎に点滅し、5521出力が有効になります。この状態で負荷がない、または低消費電力の場合、5分後に自動で電源がオフになります。

USB-Cポートと5521ポートの連続出力を有効にするには、動作モード中に電源ボタンを3回連続で押してください。ボタン周りのインジケータとディスプレイ内の出力枠が0.5秒ごとに点滅し、連続出力が有効になります。解除するには、再度3回押すか、電源をオフにしてください。

充電する

AC ケーブル充電

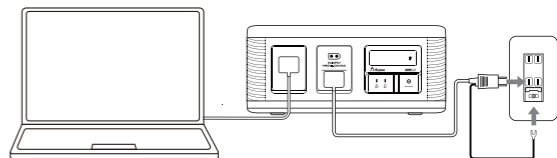
ACケーブルを使用して本製品を充電するには、先に本体のAC入力ポートに接続してから、必ずアース線をコンセントのアース端子に接続し、ACコンセントに差し込んでください。



* デフォルト設定では周波数は60Hzとなっています。AC充電時に50Hzを検出すると自動的に保存され、次の出力も50Hzになります。60Hz地域ではAC充電時に60Hzを検出すると自動的に保存され、次の出力も60Hzになります。手動で切り替える場合は、ACボタンを押した後、長押しすることで周波数が切り替わります。

バイパスモード(UPS) ≤ 20ミリ秒

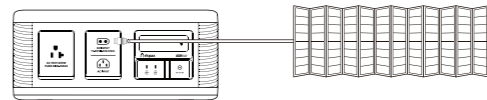
本製品がACコンセントに接続されて充電中に、同時にAC出力を使用すると、バイパスモード(UPS)に入ります。さらに、停電時には20ミリ秒以内に自動的にバッテリー電源に切り替わります。



* 必ずアース線をコンセントのアース端子に接続しご使用ください

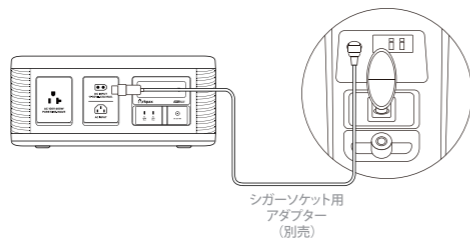
ソーラーパネル(別売) 充電

Arkpaxのソーラーパネルは別売となります。購入については、販売代理店にお問い合わせください。パワーステーションは最大240Wのパネルに対応しています。ソーラーパネル(XT60)を接続して充電してください。



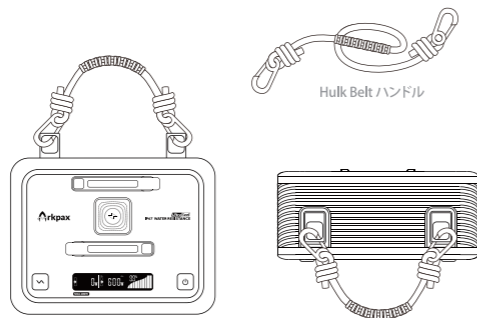
シガーソケット用アダプター (別売) 充電

シガーソケットを使用して充電するには、別売りのシガーソケット用アダプターが必要となります。ご入用の際は、販売代理店にお問い合わせください。本製品は最大240Wまでのアダプターに対応しています。充電するには、シガーソケット用アダプターをDC入力ポートに接続してください。

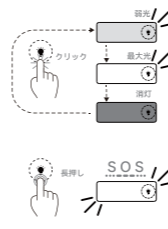


Hulk Belt ハンドル

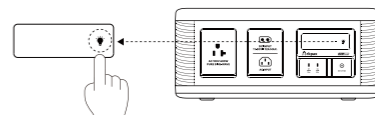
NOA 600Wポータブル電源を持ち運ぶために カラビナでの付け外しが簡単におこなえる付属のHulk Belt ハンドルを取り付けてください。



LED照明

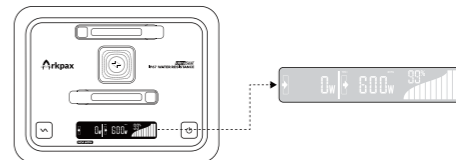


本製品にはLED照明が内蔵されています。照明ボタンをクリックする度に、「弱光」→「最大光」→「消灯」を繰り返します。照明ボタンを長押しすると、SOSモードに切り替わりSOSモース信号のデンプに合わせ点滅します。



ディスプレイ表示

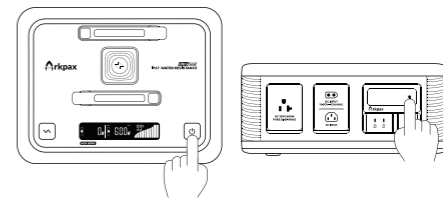
ディスプレイ表示は、操作が3分間ないとディスプレイが自動的にオフになります。ディスプレイを再び点灯させるには、電源ボタンを押してください。



操作音 ON/OFF



電源ボタンとライトボタンを同時に長押しすると、「ビッピッ」と音が鳴り、ディスプレイ画面が消灯すれば、操作音設定はOFFとなります。同様の操作で画面が点灯したままの場合、操作音設定はONとなります。操作音がOFFの場合でも、システム異常時の警告音は鳴るように設計されています。

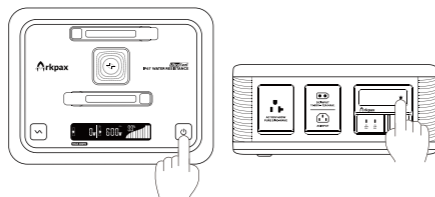


送風乾燥運転



送風乾燥運転

NOA 600Wを洗浄した後は、内部を乾燥させることをお勧めします。乾燥させるには、電源ボタンとライトボタンを同時に押してください。操作音ON状態の場合、「ピッ」と音が鳴り、内蔵ファンが2時間100%で稼働します。稼働時は電源ボタン周りのインジケータライトが点滅します。もう一度同じ操作を行うと送風乾燥が終了します。



バッテリー残量低下保護

バッテリー残量が0%と表示されている場合でも、バッテリーセルとBMSシステムを保護するために一定量の電力が残っています。



浸水警告



USB-C (C1-C2) ポートの浸水



ACポートの浸水



5521 ポートの浸水



機器全体の浸水警告

*浸水警告が表示されているポートは使用しないでください。
ポートから水が排出され、警告表示が消えてから使用を再開してください。

よくある質問

- 01 使用されているバッテリーの種類は？
LiFePo4(リン酸鉄リチウムイオン)バッテリーを使用しています。
- 02 AC出力ポートで駆動できる機器は？
NOA 600WのAC出力ポートは、連続で600W、最大瞬間出力（サージ）1200Wの電力を供給できます。ご使用前に電気製品の消費電力を確認することをお勧めします。電気モータを搭載の機器（掃除機、冷蔵庫、電動丸ノコ、エアコン、洗濯機、電子レンジ、ドライヤーなど）は定格消費電力が本製品のAC出力の電力以下の機器であっても起動時に誘導負荷が発生し定格消費電力の3～7倍の電力が必要となりますのでご注意ください。
- 03 使用しているときにハミング音がするのはなぜですか？
NOA 600Wは本体の放熱に空冷システムを導入しています。内蔵の防水ファンが40db未満で動作します。使用時にかなかな音が聞こえるのは正常です。
- 04 使用中に電力がどのくらい保つかを知るにはどうすればよいですか？
ディスプレイ画面には、安定した電力を使用するデバイスに対するバッテリー残量と持続放電予測時間が表示されます。
- 05 飛行機に製品を持ち込むことはできますか？
この製品にはリチウム電池が含まれています。国際航空運送基準規則では、100Wh以上のリチウム電池を搭載した製品は機内に持ち込めません。
- 06 実際の出力容量は公称容量と同じですか？
充電および放電する際に、本製品の効率はずかになに低下します。名目容量はバッテリーパックの定格容量です。したがって、実際の出力容量は名目容量よりもわずかに低くなります。
- 07 NOA 600WをACコンセントに接続してデバイスを充電しながら、同時にAC出力を使用できますか？
はい、本製品をAC壁コンセントに接続して充電する間、AC出力を使用することができます。ただし、両機能を同時に使用すると、バイパス放電機能が作動し、出力が完全に負荷されている場合は充電電力が制限されることがあります。さらに、停電時にはNOA 600W電源ステーションにはUPS機能があり、自動的にバッテリー電源に切り替わります。切り替わる時間は20ミリ秒以内ですが、医療機器には使用できません。
- 08 NOA 600Wの防水性はどうか？
NOA 600Wは、IEC/EN規格60529に基づいてIP67の評価を受けており、飛沫、水、および粉塵に対し耐性があります。防水性に関しては、真水深さ1メートルに30分浸水しても影響が無いことの規格に適合しておりますが、本製品を水に浸けての使用を推奨はいたしません。また、本体が濡れた状態や湿った状態での充電はできません。水濡れに発生故障に関しては、浸水状況が規格内の条件下での発生が確定できないため保証の対象外となります。

トラブルシューティング

問題	原因	対策
充電されない	ACケーブルが正しく接続されていない可能性があります。	ACケーブルと製品本体がコンセントに正しく接続されていることを確認してください。(P8 ACケーブル充電参照)
	製品本体が水洗いされ水分が残っている状態か、浸水している場合、ディスプレイに水滴アイコンが点灯している。	製品本体が浸水している場合、水気の無い場所に移動させ、乾燥させてください。送風乾燥運転を実施すると速く乾かすことができます。(P11 送風乾燥運転参照)
出力されない	ご使用のデバイスと本製品間の接続が正しくない可能性があります。	接続ケーブルがしっかり接続されているか確認してください。ケーブルは破損のないものをご使用ください。
	AC出力の場合、AC出力ボタンが押されていない可能性があります。	ACボタン周りのインジケータライトが点灯しているか確認してください。消灯している場合ACボタンを押してください。(P6 AC出力参照)
	ディスプレイに表示のバッテリー残量が、0%を表示している可能性があります。	製品本体を再充電してください。
	製品本体が洗浄されたり、浸水し、水分を検知し、ディスプレイの水滴アイコンが点灯している可能性があります。	製品本体を水気の無い場所に移動させ、乾燥させてください。送風乾燥運転を実施すると速く乾かすことができます。(P11 送風乾燥運転参照)
	AC出力が途中で切れてしまう場合、連続したAC出力使用が有効になっていない可能性があります。	製品本体の“~”ACボタン周りのインジケータライトが点滅しているか確認してください。点灯している場合はACボタンをダブルクリックし、ACボタン周りのインジケータランプが点滅している状態でご使用ください。(P6 AC出力参照)
使用中に出力が途切れる	ご使用のデバイスの定格電力、または電力の変動が本製品の最大瞬間出力(サージ1200W)を超えている可能性があります。	電気モーターを搭載の機器は起動時に誘導負荷が定格電力の3~7倍まで必要となることがあります。そのような機器のご使用の場合別の給電方法をご利用ください。

保証

ユーザーマニュアル、本体貼付ラベル等に記載の注意事項に従ってご使用いただき、当社の責任により不具合が発生した場合に、保証書に記載する期間と条件に従って、製品の無料修理をさせていただきます。保証期間等に関しては下記にてご確認ください。

- 01** 保証期間
ポータブル電源本体 2年 *付属品、ポーチ等は除く
- 02** 保証期間内でも次の場合には有償修理となります。
・保証書の提示がない場合
・保証期間中の故障でも、保証期間後に修理依頼した場合
・誤った使用(ユーザーマニュアル、本体貼付ラベル等の注意表記に従わない使用)による故障や損傷
・他の機器から受けたことが起因の故障や損傷、不当な操作や改造による故障や損傷
・お買い上げ後、商品移設搬送や落下等による故障や損傷
・火災、地震、風水害、落雷、その他天災地変、公害、塩害、異常電圧等による故障や損傷
・商品の動作・保管温度等を逸脱する環境での使用や、仕様に耐えかねる機器との接続による故障や損傷
・消耗や摩耗した部品や汚損部の交換
- 03** 注意事項
・故障や修理状況により、商品交換となる場合があります
・修理にて、再生部品や代替部品を使用する場合があります。交換した部品に関しては、弊社にて適切に処理の上処分させていただくため、お渡しはできません
・製品保証期間は、無料修理や製品交換後でも、最初にご購入時の保証期間が適用されます
・修理期間に製品を使用できなかったことによる損害については、保証できません
・保証は製品を購入いただいた国内のみとなります。

認証

PSE, UN38.3, IP67

NOA 600Wは、IEC/EN規格60529に基づいてIP67の評価を受けており、飛沫、水、および粉塵に対し耐性があります。防水性に関しては、真水深さ1メートルに30分浸水しても影響が無いことの規格に適合しておりますが、本製品を水に浸けての使用を推奨いたしません。また、本体が濡れた状態や湿った状態での充電はできません。水濡れにて発生の故障に関しては、浸水状況が規格内の条件下での発生が確定できないため保証の対象外となります。

FCC Warning

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.