

ALPHA 800

SOTTLOT

Reshape Portable Power Station

Possibilities of infinite extension

800W OUTPUTS

1600W PEAK





The Birth of Alpha 800

When the portable power station is only a machine-like existence in life, we are thinking about how to make it interact with users.

When the portable power station is only limited by the function of the fixed output ports, we are still thinking about how to make it infinitely expandable.

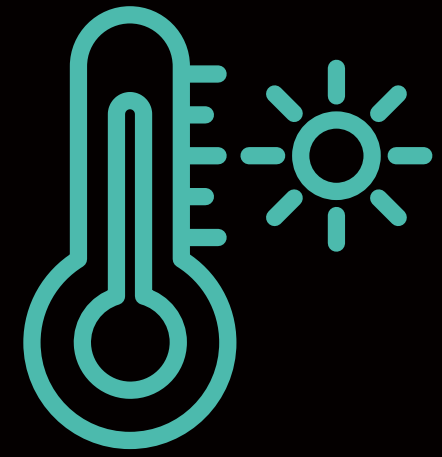
When the portable power station is only matched with outdoor products, we are still thinking about how to make it as a leader of outdoor life.

Alpha 800 Was Born!

The innovative concept runs through Alpha 800 with built-in AI voice system and flexible output module. It can be used separately or together like Lego, enjoy the fun of making your own power station.

This is just a part of the infinite possibilities of SOTTLOT, it is still the commander of SRE-MESH, and all scenes are controlled by voice.

Wireless charging



More portable solar panel pack



DIY
The functional panel



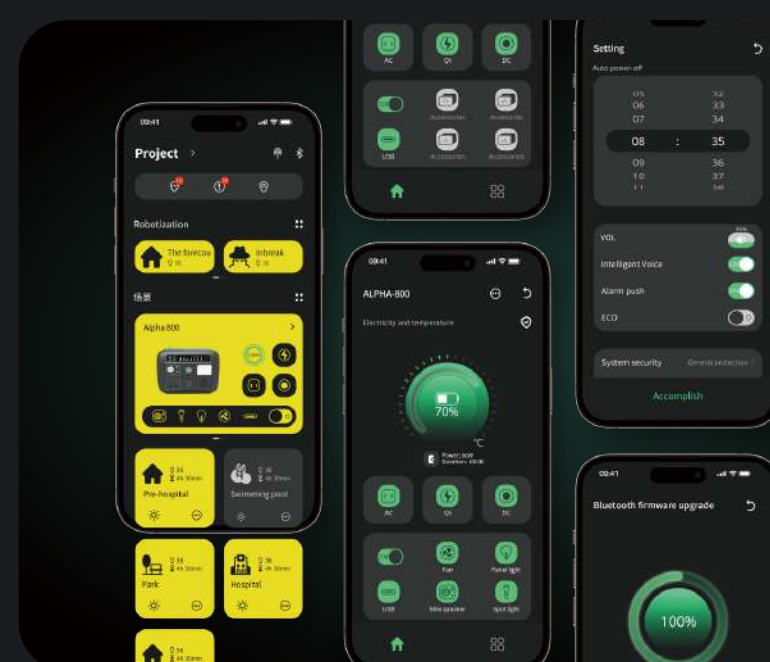
AI
Technology



More expandable accessories

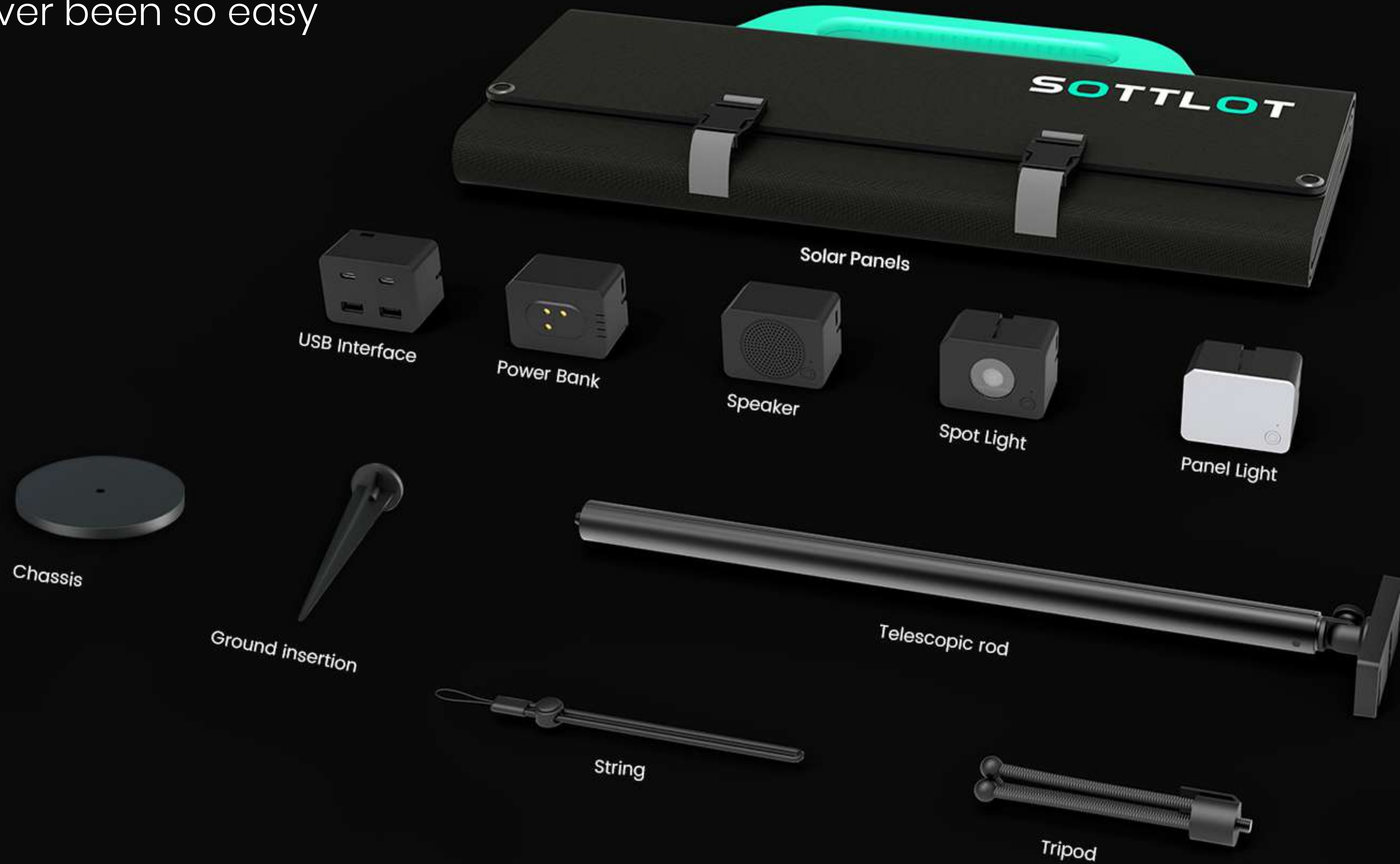


APP
Control



Accessory Family

Power . never been so easy



DIY The Functional Panel

Custom module as you want

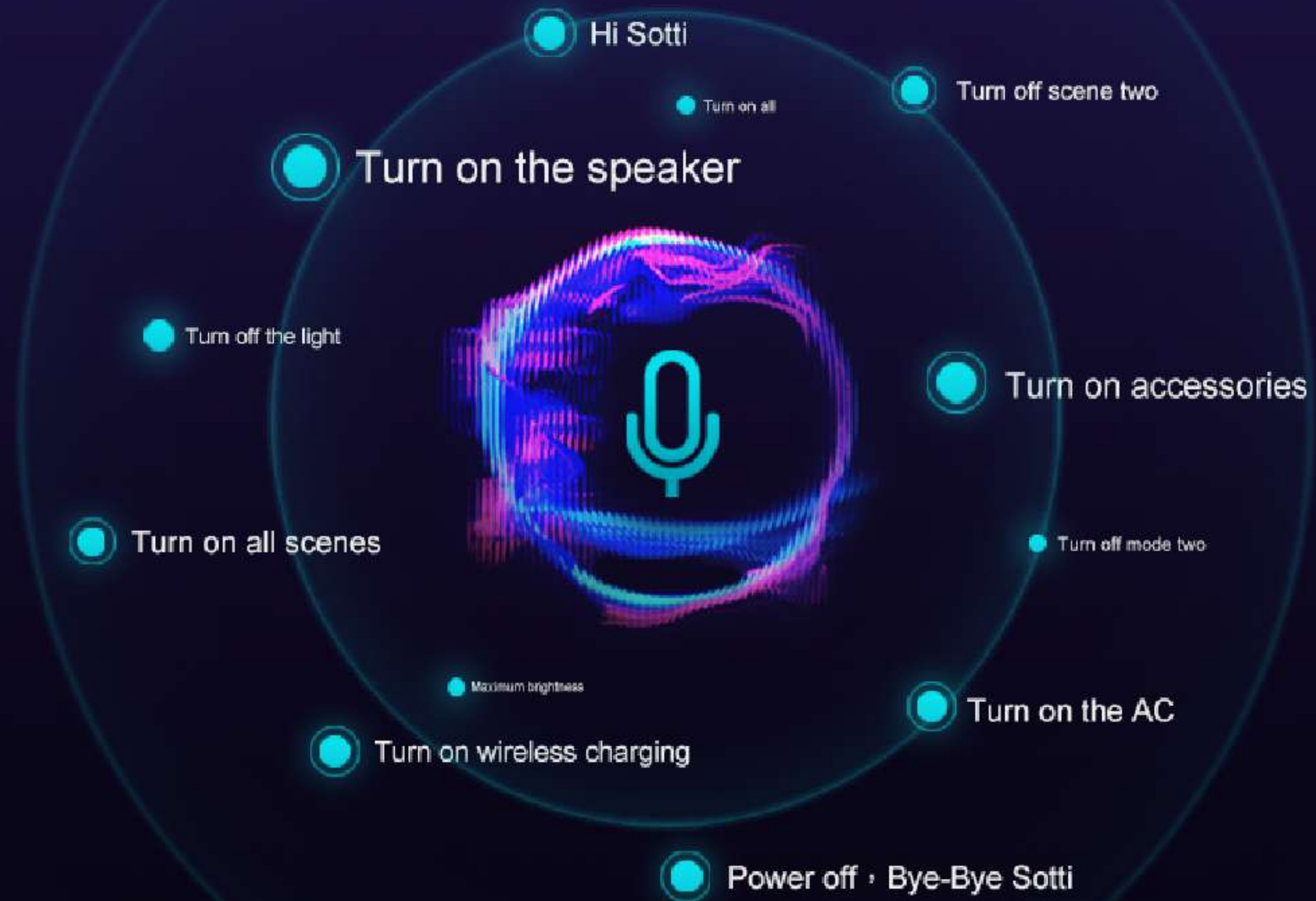


Lego Style Module Assembly

For outdoor emergency lighting



AI Voice Control



APP Control

Panel-Like control experience in APP

What you see is what you get,
you can use it when you open the APP

Adopt the most advanced low-power Bluetooth mesh networking, more security and stability, so it's more suitable for the outdoor smart home products of Networking, intelligent control and scene linkage



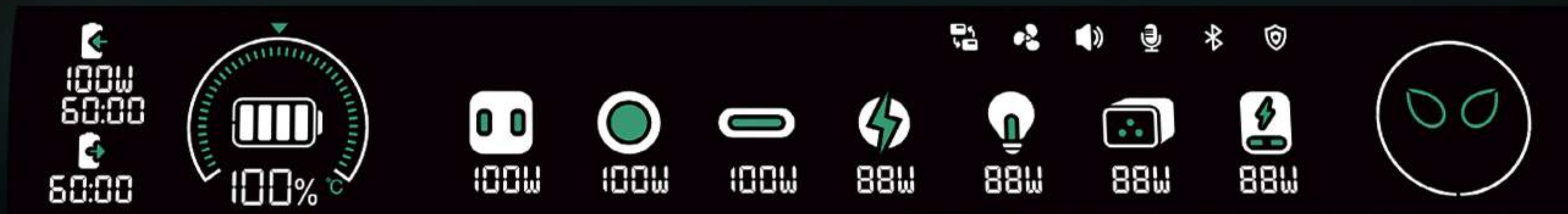
Link into **SRE-MESH**,
just tell what scene you want

Simultaneously control
up to **6 scenes**



LCD: Icon Display, All Information At a Glance

Display the left time of charging or discharging,
the first leader in the market

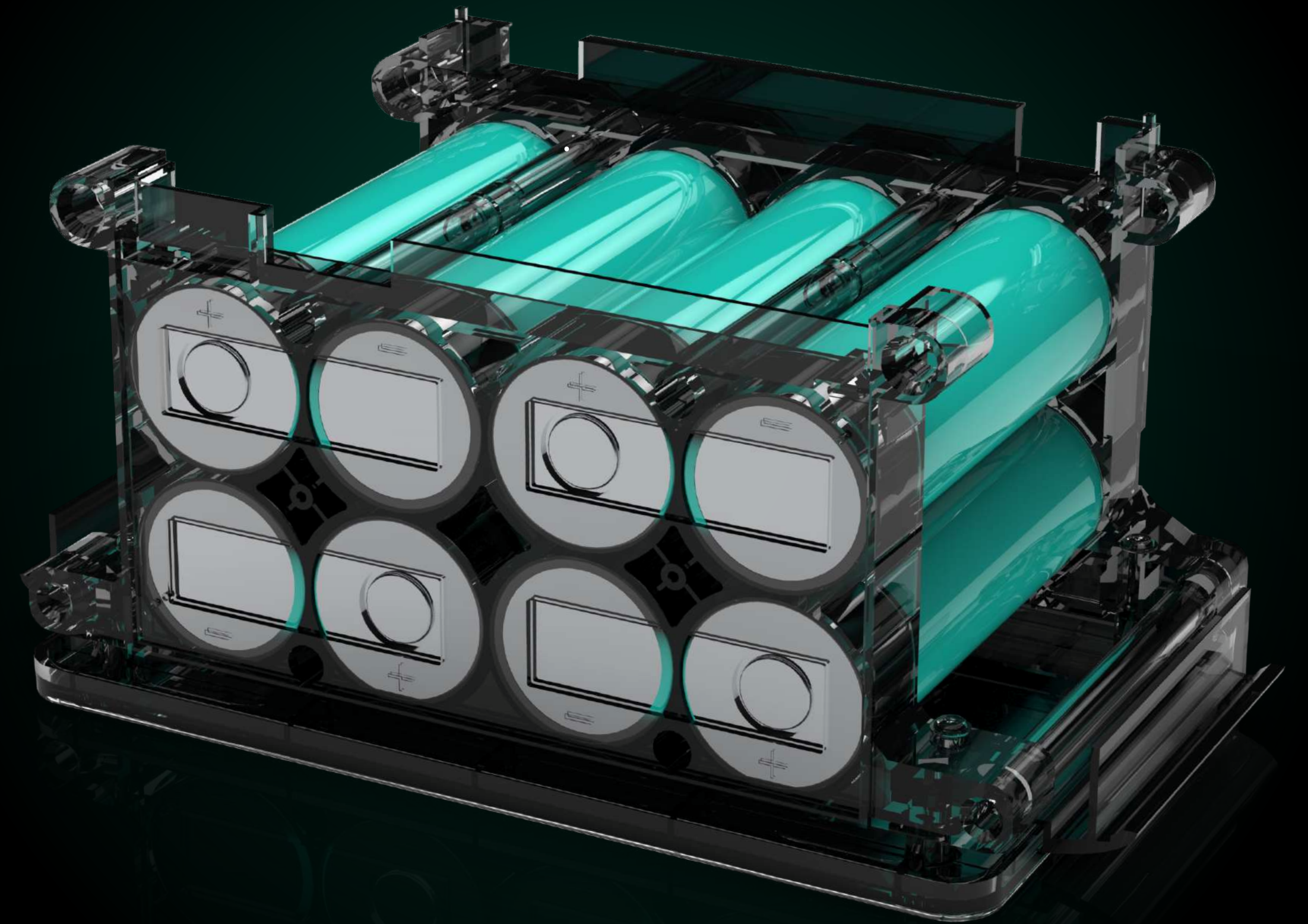


Safe, Durable And Efficient

Built around an upgraded long-lasting LFP battery chemistry featuring LFP batteries that can charge and empty the ALPHA 800 over 3000 times, they are safe, durable and efficient even in warm temperatures.

3000+ TIMES

10 YEARS



4-year Warranty

With a solid product guarantee and the longest warranty period in the industry, we go out of our way to give you peace of mind

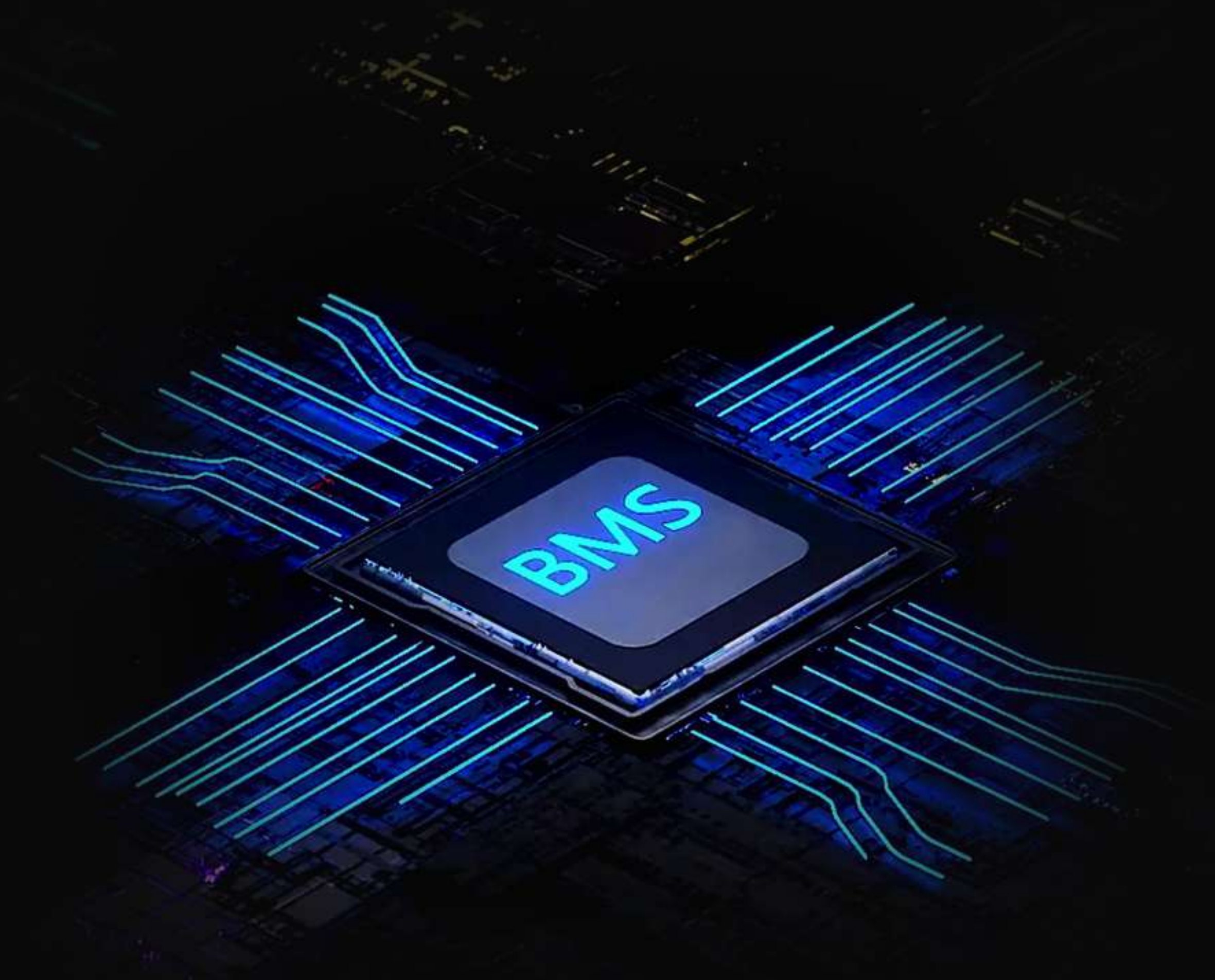
Conforms To International Safety Certification Standards



CE RoHS UK
CA

BMS Battery Management System

Alpha 800 BMS regulates vitals to keep it safe, and security measures available both on-site and remotely. Our state-of-the-art Battery Management System (BMS) constantly monitors the voltage, current, and temperature of ALPHA 800 with multiple aspects of protection, extending its life to the max.



3 Ways To Charge Anywhere

With 3 different ways to top up the Alpha 800, there's a recharge option no matter what. From fast AC to in-car charging when you're on the go.



X-TURBO ⚡

Small Size. Big Power

X-Turbo up to 800W



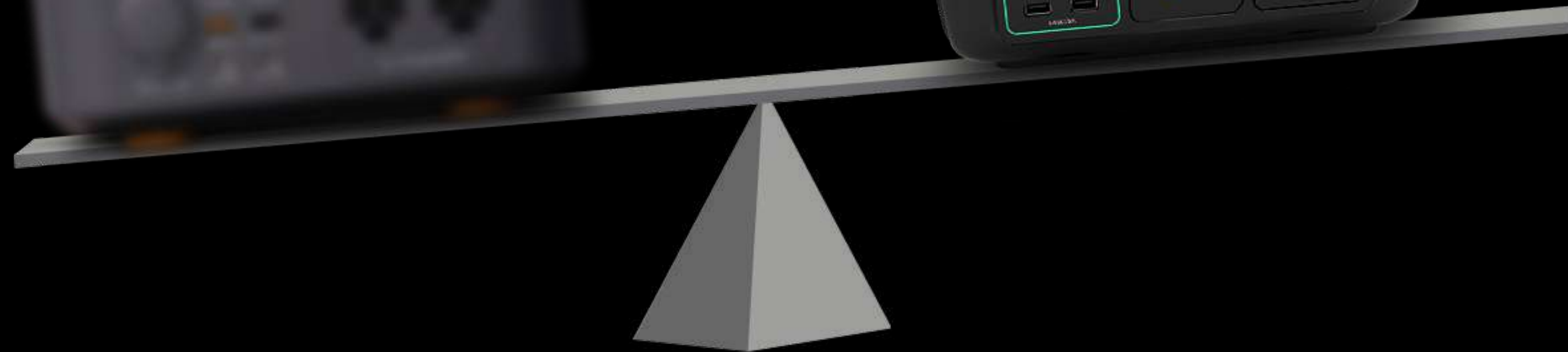
Small Size And Large Capacity, Only 6.55kg

With the compact and portable design, you can carry ALPHA 800 anywhere with you. The ALPHA 800 powers all your outdoor activities.

10KG



6.55KG

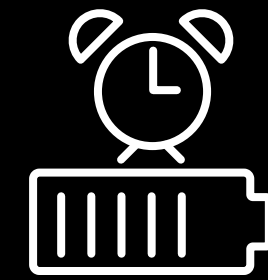


Control At Your Fingertips

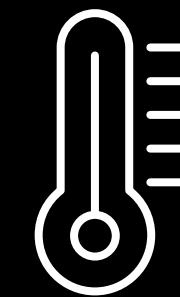
Bluetooth



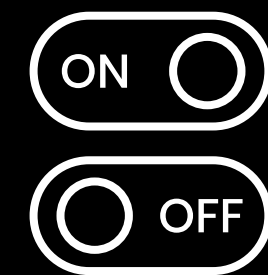
App Control



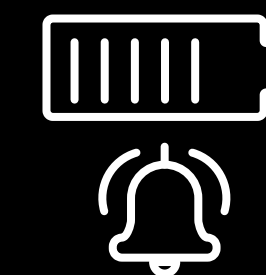
Battery maintenance reminder



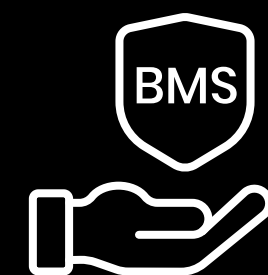
Temperature exceeded reminder



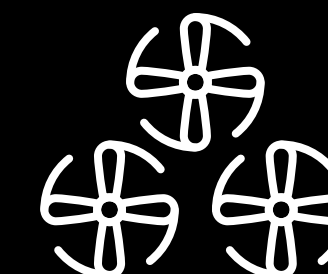
Settable automatic switch off



Charging and discharging left time reminder



BMS regulates vitals to keep it safe



2+1 Fan configuration

Power Anywhere



Product Display



1. Wireless charge

2. AC output touch screen button

3. DC output touch screen button

4. Wireless charging output touch screen button

5. Accessories touch screen button

6. Display screen

7. Accessory module

8. Accessory pop out button

9. Accessory module

10. Retractable light pole

11. Fan air intake

12. Cigarette lighter output port

13. AC output port

14. Switch on/off

15. USB-C×2 output port

16. USB-A×2 output port

17. DC5521×2 output port

18. Accessory module

19. Accessory module

20. Accessory pop out button

Product Display



1. Built-in cooling fan outlet
2. Solar charging input port
3. Speaker outlet
4. Adapter charging input port
5. Anti-skid silicone foot pads

Small size and large capacity, only 6kg

Specifications

Choose the best companion for your next trip



Battery Information

Capacity	512WH
Battery type	LiFePO4
Battery lifespan	3000+ cycles to 80%+ capacity
Output	800Watts, surge 1600Watts
Shelf-life	Recharge to 80% Every 6 Months
Management System	MPPT Controller, BMS, etc.

AC Output

AC Output	2 x Outlets, total 800W, 220V, 50Hz
Surge Power	1,600W
Inverter Type	Pure Sine Wave

DC Output

Cigarette lighter	1 x 12V, 10A
Wireless Charging	1 x 15W Max.
DC-5521 output	2 x 12V, 10A 120W

Input

AC Adapter	100W Max.
Solar Input	2 x 100W Max, VOC 18V

Leading Technology

Mobile APP	Bluetooth Mesh
AI Tech	Voice Control
Management System	MPPT Controller, BMS, etc.

General

Materials	ABS, Aluminium
Controller	APP, Voice, Button
Operating Temperature	-20~55°C (-4~131°F)
Storage Temperature	-10~45°C (14~113°F)
Warranty	48 Months

Accessories



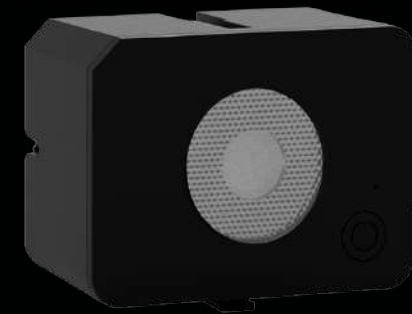
USB

USB-C port: 1 x 100W
USB-A port: 3 x 5V, 3A
Weight: 0.055kg
Size: 58.4*43.4*35.7mm



Panel Light

Lighting mode: M1: 25%, M2: 50%, M3: 75%, M4: 100%
LEDs: 500LM, CCT 4000K
Lithium battery: 3.7V 1800mAh
SOS mode: short press the button twice continuously to enter SOS mode, short press again to exit the mode
Weight: 0.08kg
Size: 58.4*43.4*35.7mm



Spot Light

Lighting mode: M1: 25%, M2: 50%, M3: 75%, M4: 100%
LEDs: 300LM, CCT 5700K
Lithium battery: 3.7V 1000mAh
SOS mode: short press the button twice continuously to enter SOS mode, short press again to exit the mode
Weight: 0.7kg
Size: 58.4*43.4*35.7mm



speaker

Pairing: Bluetooth
Transmission distance: 10M
Lithium battery: 3.7V 480mAh
Weight: 0.07kg
Size: 58.4*43.4*35.7mm



Power Bank

Lithium battery: 3.7V 3600mAh
Magnetic charging: It can be adsorbed and charged to other accessories
Weight: 0.125kg
Size: 58.4*43.4*36.8mm



Solar panel

Rated Power(W)	100W
Open circuit voltage(V)	23.7V
Rated voltage(V)	19.8V
Rated current(A)	5A
Short circuit current(A)	5.5A
Efficiency	22%
Package material	ETFE+ waterproof Polyester fabrics
Connector	XT60
Maximum system voltage (V)	500V DC
NOCT	48±2 C
Weight	4Kg
IP class	IP68
Span life	10years
Operating temperature	-20 C ~ +75 C
Weight	4.165kg
Size	299*550*45mm (Including handle)

800W Output / 512Wh Capacity



Phone
(4000mAh)

45H



Macbook12
(50Wh)

10H



Drone
(50W)

10H



Camera
(14Wh)

30H



Rice cooker
(310W)

1.5H



Hot Water Pot
(500W)

1H



Car Fridge
(60W)

8H



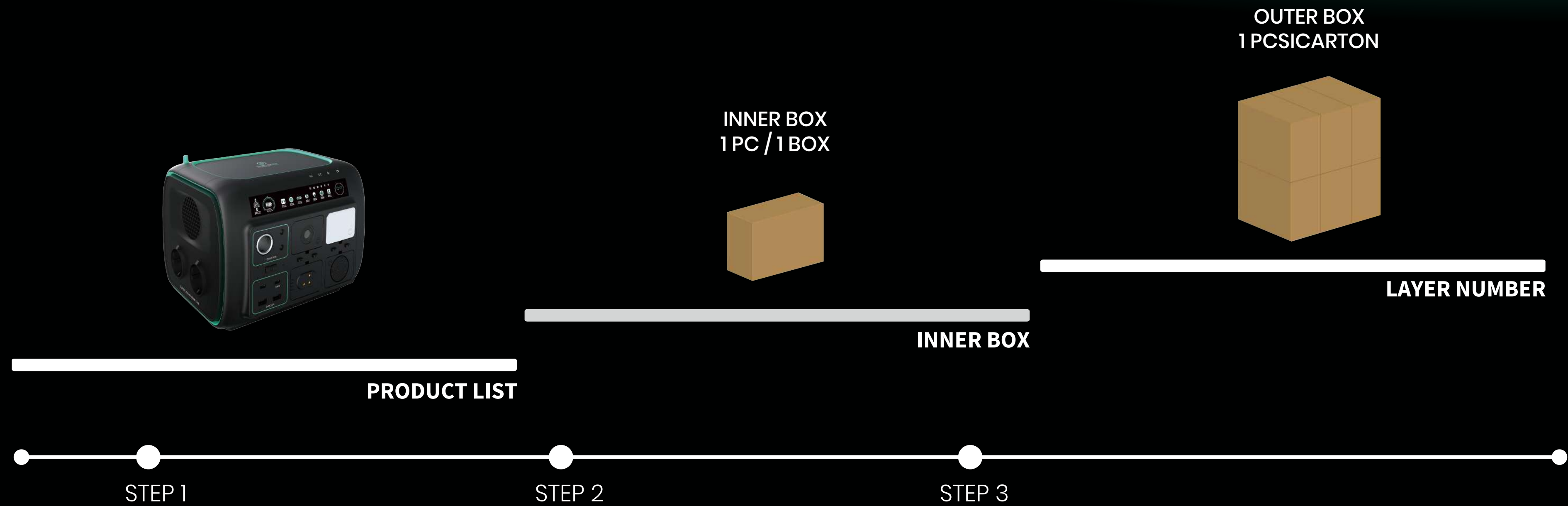
Projector
(100W)

4.6H



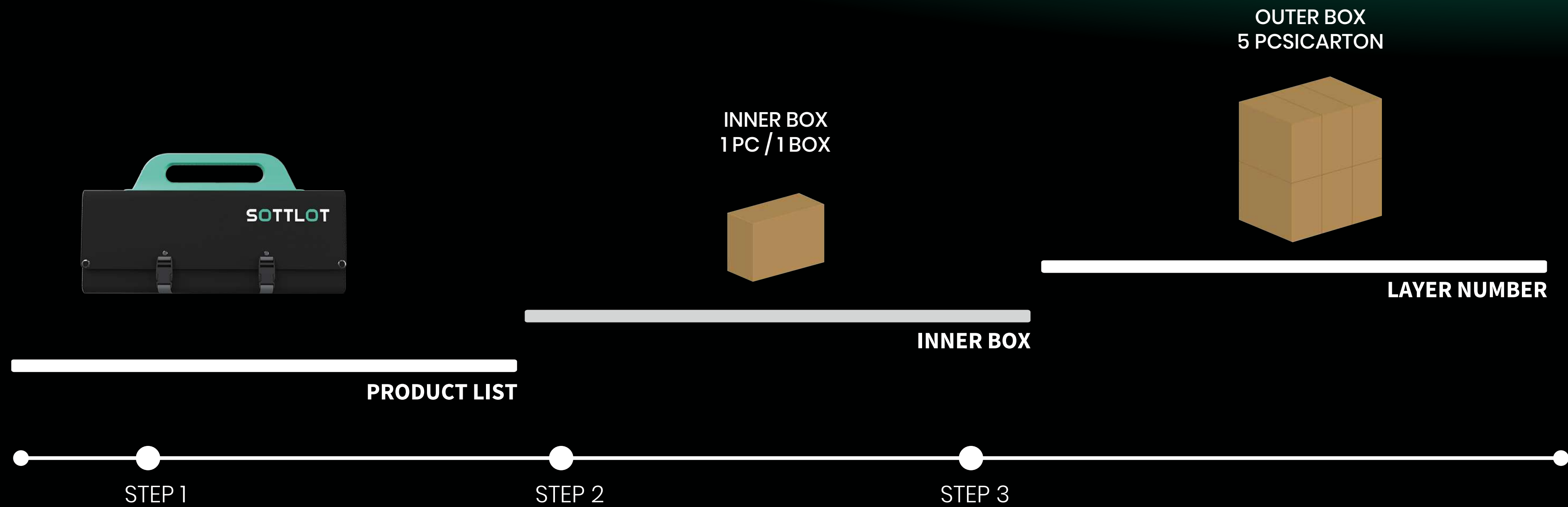
Microwave Owen
(700W)

40Min



MODEL NO.	PACKING METHOD	PCS/CTN	QTY (PCS)	CTN QTY	CARTON SIZE (MM)	N/W (KG)	G/W (KG)
Alpha-800	INNER BOX	1	1	1	340x285x298mm	6.55KG	8.16KG
	CARTON	1	1	1	360x305x320mm	8.16KG	9.16KG

Net weight and gross weight are forreference only



MODEL NO.	PACKING METHOD	PCS/CTN	QTY (PCS)	CTN QTY	CARTON SIZE (MM)	N/W (KG)	G/W (KG)
Solar panel	INNER BOX	1	1	1	585x80x318mm	4KG	4.5KG
	CARTON	1	1	5	605x420x338mm	22.5KG	

Net weight and gross weight are for reference only

Define Your Own Portable Power Station





THANKS!

SOTTLOT

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