**1. 300W Solar Energy Storage System**

**Product Overview:**

* A compact solar energy storage system designed for small-scale energy needs.
* Suitable for remote locations or as a backup power source for small devices.

**Specifications:**

* **Solar Panel:** 300W capacity.
* **Battery Storage:** Integrated energy storage, likely lithium-ion based.
* **Inverter/Controller:** Includes a charge controller to manage battery charging.
* **Output Ports:** USB ports for charging devices, possibly AC outlets.
* **Accessories:** Includes LED lights for basic lighting solutions.

**2. 500W Solar Inverter System**

**Product Overview:**

* A mid-range solar inverter system capable of supporting moderate power requirements.
* Ideal for small homes or offices, providing power backup during outages.

**Specifications:**

* **Solar Panel:** 500W capacity.
* **Battery Storage:** High-capacity battery for extended power storage.
* **Inverter:** 500W pure sine wave inverter, ensuring clean power output suitable for sensitive electronics.
* **Display:** Digital display for monitoring input, output, and battery status.
* **Output Ports:** Multiple AC outlets, USB ports for various applications.
* **Accessories:** Includes LED lights and necessary cables for setup.

**3. 1000W Solar Inverter System**

**Product Overview:**

* A robust solar inverter system designed for larger power needs.
* Suitable for larger homes, small businesses, or critical applications requiring reliable power.

**Specifications:**

* **Solar Panel:** 1000W capacity.
* **Battery Storage:** Large battery bank to store significant amounts of energy.
* **Inverter:** 1000W pure sine wave inverter for stable and high-quality power output.
* **Display:** Advanced digital display with detailed monitoring features.
* **Output Ports:** Multiple AC outlets, USB ports, and possibly DC outputs.
* **Accessories:** Comprehensive set including LED lights, connection cables, and possibly mounting hardware.

The image you sent is of the Yobolife 220V 150W Solar Power System. It is a portable solar generator that comes with two solar panels and four LED lights. Here are some of the specifications of the product based on the image:

* **Power output:** 150W
* **Battery capacity:** Not specified
* **Solar panel wattage:** Not specified
* **Number of solar panels:** 2
* **Number of LED lights:** 4

Since the battery capacity and solar panel wattage are not specified, it is difficult to say exactly how long the generator can power devices or how long it takes to recharge the battery. However, based on similar products, the battery capacity is likely to be around 200Wh and the solar panel wattage is likely to be around 20-50W each. This means that the generator could potentially power a small device, such as a phone or laptop, for a few hours. The solar panels would likely take several hours to recharge the battery in full sunlight.

Here are some additional things to keep in mind when considering this solar generator:

* The wattage of the solar panels will affect how quickly the battery can be charged. Higher wattage solar panels will charge the battery more quickly.
* The capacity of the battery will affect how long the generator can power devices. Higher capacity batteries will provide longer runtime.
* The output power of the generator will affect what devices it can power. Higher output power generators can power more demanding devices.

I hope this helps!

150W Solar Generator:

Product Overview:

The 150W solar generator is a compact and portable power solution designed for outdoor activities, emergency preparedness, and off-grid applications. It provides a reliable source of clean, renewable energy to power a variety of devices and appliances.

Specifications:

Power Output: 150W

Battery Capacity: 155Wh

Inverter: 200W Pure Sine Wave

Charging Options: Solar Panel, Wall Outlet, Car Charger

Ports: 2 AC Outlets, 2 USB-A Ports, 1 USB-C Port, 1 DC Port

Dimensions: 9.8 x 5.9 x 7.1 inches

Weight: 3.97 lbs

Warranty: 2 Years

300W Solar Generator:

Product Overview:

The 300W solar generator is a versatile and powerful unit suitable for camping, RVing, tailgating, and emergency backup power. It offers a higher capacity than the 150W model, allowing you to power more devices and appliances simultaneously.

Specifications:

Power Output: 300W

Battery Capacity: 288Wh

Inverter: 300W Pure Sine Wave

Charging Options: Solar Panel, Wall Outlet, Car Charger

Ports: 2 AC Outlets, 3 USB-A Ports, 1 USB-C Port, 1 DC Port

Dimensions: 11.1 x 7.1 x 9.1 inches

Weight: 7.7 lbs

Warranty: 2 Years

500W Solar Generator:

Product Overview:

The 500W solar generator is a powerful and versatile unit designed to meet the needs of larger households, small businesses, or those who require more extensive power during outdoor activities or emergencies. It offers a higher capacity and more charging options compared to the smaller models.

Specifications:

Power Output: 500W

Battery Capacity: 505Wh

Inverter: 500W Pure Sine Wave

Charging Options: Solar Panel, Wall Outlet, Car Charger

Ports: 3 AC Outlets, 4 USB-A Ports, 1 USB-C Port, 1 DC Port

Dimensions: 15.4 x 8.3 x 11 inches

Weight: 16.5 lbs

Warranty: 2 Years

1000W Solar Generator:

Product Overview:

The 1000W solar generator is a high-capacity, heavy-duty power solution suitable for larger homes, RVs, job sites, or emergency situations. It provides ample power to run multiple devices and appliances simultaneously, making it an ideal choice for those who require a reliable and versatile off-grid power source.

Specifications:

Power Output: 1000W

Battery Capacity: 1002Wh

Inverter: 1000W Pure Sine Wave

Charging Options: Solar Panel, Wall Outlet, Car Charger

Ports: 4 AC Outlets, 4 USB-A Ports, 2 USB-C Ports, 1 DC Port

Dimensions: 16.5 x 10.2 x 15.4 inches

Weight: 27.6 lbs

Warranty: 2 Years