

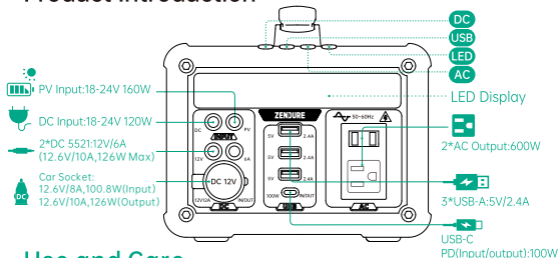
# ZENDURE

*Get Charged. Get Going.*

## SuperBase 600M USER MANUAL



# Product Introduction



## Use and Care

### Using AC, DC, Car, and USB Outputs

Press and hold the button corresponding to the output you would like to use. After 2 seconds, the output's respective icon will appear on the screen. Press and hold again for only 2 seconds to turn off the corresponding output.

### Charging a Car Battery

Activate the DC outputs, then press the DC button twice. "Car-Start" will appear on the screen. Connect your SuperBase to the car's battery. After some time, "Failed" or "Completed" will appear on the display to indicate whether charging was successful.

### Using the LED Flashlight

Press and hold the "LED" button for 2 seconds to turn on the LED. Press the button again to change between normal, bright, SOS, and flashing mode. Press and hold the "LED" button for 2 seconds to turn off the LED.

### Quick Shutdown

Press and hold any illuminated button. After a few seconds, all outputs will turn off.

### Conserving Energy

When the AC outputs are active, there will be a 10-20W loss of power. We recommend turning off the AC outputs when you are not using them.

### Changing the AC Output Frequency

With the AC output activated, quickly press the "AC" button three times to toggle the AC output frequency between 50Hz and 60Hz. The Power Indicator will briefly display either "F50" or "F60" to indicate the selected frequency.

### Transporting This Product

This product must be protected from rain, flooding, collision, and vibration during transport.

### Storage

Do not place this product in a high temperature environment (above 45°C/113°F) or near a flame.

For long-term storage (more than three months), this device should be kept at or above 50% charge to maximize the service life of the internal battery.

Please charge and discharge this product twice every six months to maximize the service life of the internal battery.

### Operating Temperature

Please use this product in a temperature range of 0-45°C/32-113°F for safe operation and maximum service life.

## Display Overview



	Name	Function
1	Charging Mode Indicator	Indicates which kind of power source is charging this device. DC: From a DC adapter or solar (photovoltaic) source Car: From a car's "cigarette lighter" port PD: From a USB-C PD power source
2	Battery icon	Indicates the charge level of the battery.
3	Charge Indicator	Displays the charge level of the battery as a percentage.
4	Time Remaining Indicator	Indicates the estimated time to completely charge the battery (Time To Full) or completely drain it (Time To Empty), in either hours (H) or minutes (M).
5	Power Indicator	Indicates the input or output power, in either Watts (W) or kilowatts (kW). When switching between 50Hz and 60Hz AC output, the Power Indicator will display either "50F" or "60F" to indicate the selected frequency.
6	Car Battery Recharge Indicator	"Car-Start" appears when this device is ready to charge your car's battery, or when it is actively charging it.
7	Function Indicators	Displays DC, CIG, USB-A, USB-C, and/or AC to indicate that the corresponding output ports are active and ready to use. Displays LIGHT to indicate that the LED is in use.
8	Car Recharge Result Indicator	Displays "Failed" or "Completed" to indicate whether the recharging process was successful.

## Frequently Asked Questions

### **How does this product dissipate heat safely without a fan?**

The product uses high-frequency circuitry that generates less heat overall, and the aluminum enclosure helps dissipate heat into the air, for quiet operation.

### **How long can the product be stored?**

If you are storing this product for more than three months, make sure the battery is at least 50% charged. Every six months, fully drain and recharge the battery to prolong the service life of the internal battery.

### **How long does it take to fully charge this product?**

When using mains/solar panels, and the car charging port, and USB Type-C charging simultaneously, it takes about 2.9 hours to charge at full speed.

When charging with mains power, it takes about 5.5 hours to fully charge.

When using the car charging port, it takes about 5.1 hours.

When charging with USB Type-C, it takes about 6.4 hours to fully charge.

When charging with solar panels, it can vary. As a baseline, a 150W solar array receiving 750W/m<sup>2</sup> would take about 4.2 hours.

Note: the above figures are reference approximations from laboratory testing.

### **Can I charge this product with solar power and the car charging port together?**

You can charge this product with both at the same time, to reduce charging time.

### **Can the product be discharged (outputs used) while charging?**

This product supports discharging while charging. When the output power is greater than the charging power, the charge level will decrease over time. When the charge level is very low, the output ports will be deactivated.

### **Can this product handle extreme temperatures?**

This product can be charged at up to 45°C/113°F and discharged at up to 40°C/104°F.

### **Will this product shut down automatically?**

This product will only shut down automatically if the charge level is very low or one of the safety mechanisms has been triggered.

How much displacement of the product car can start when starting?

The product starting principle is to charge the car battery, 12V system can be used, the displacement is not limited

### **What does it mean when the screen shows "SUS"?**

The screen will display "SUS" to indicate that the temperature is too high or too low to charge safely, so the product will not accept a charge.

## Included Items



SuperBase 600M



Car charger Cable



AC charger



Quick Guide



Warranty Card

## Product parameters



ZDSB600M



Capacity

607.36Wh (14.6V/41.6Ah)



Dimensions

280 x 190 x 138mm



Weight

6.4kg



Discharge Temperature

-10°C~40°C



Charge Temperature

0°C~45°C

### Input



DC5521

18-24V, 120W Max



PV

18-24V, 160W Max



Car Socket

12.6V  $\approx$  8A, 100.8W Max



USB-C1

20V  $\approx$  3A, 20V  $\approx$  5A, 100W Max

### Output



DC3, DC4

12.6V  $\approx$  6A, (12.6V  $\approx$  10A, 126W Max)



AC1, AC2

110V~50/60Hz, Rated 600W, Peak1000W



Car Socket

12.6V  $\approx$  10A, 126W Max



USB-C1

5V  $\approx$  2.4A, 9V/12V/15V/20V  $\approx$  3A, 20V  $\approx$  5A, 100W Max



USB-A1/A2/A3

5V  $\approx$  2.4A, 12W Max

## Safety and Precautions

Please read this section completely. Failure to use the proper precautions may cause shock, fire, explosion, injury, death, damage to property or loss of warranty coverage.

1. Please read the User Manual before using this product.
2. Do not insert your hand or a handheld metal conductor into the AC sockets.
3. Do not open or disassemble this product.
4. Do not attempt to modify this product or insert foreign objects into it.
5. Do not immerse this product in water or other liquids.
6. Do not place this product near a flame source.
7. Do not use or charge this product if it appears to be damaged.
8. When using AC or DC power to charge this device, only use the included cables.
9. Do not use solar panels that fall outside the operating parameters of this product.
10. If the product emits odor or smoke, overheats, or exhibits any abnormal behavior, stop charging and using this product immediately and place it in an open area for long-distance observation, confirm safety, and contact the manufacturer or dealer.
11. Only use this product with devices that fall within the operating specifications of this product.
12. Do not short the positive and negative poles of this product's ports.
13. If you are planning to use this device in a place where the AC power is different from the AC power specifications of this product, consult an expert.
14. Please recycle all product parts in accordance with local regulations.
15. Do not use this product at altitudes above 2,000 meters (6,500 feet).
16. This product contains small parts which should be kept out of the reach of children to prevent choking and other hazards.
17. Do not attempt to replace this product's internal battery.
18. Keep this product dry. Do not use this product in damp, wet, or dirty places.
19. Do not use this product during a thunderstorm.
20. Do not drop, squeeze, or puncture this product. Avoid exposing the product to large external stresses.
21. If this product becomes immersed in water, safely disconnect the power source, leave this product in an open area, and discontinue use.
22. Do not use this product in strong electric, magnetic, or electromagnetic fields.
23. Do not store or transport this product in a way that could allow keys, jewelry, or other metal items to make contact with this product's electrical ports.
24. Do not place this product into a fire.

## Troubleshooting

<p>Product will not turn on, and the outputs aren't working.</p>	<ul style="list-style-type: none"><li>-Ensure that the product is currently in the appropriate temperature range</li><li>-Remove all electrical devices, charge this product for 5-10 minutes, and turn the system back on.</li></ul>
<p>The product can be turned on, but one or more of the activated outputs is not delivering power.</p>	<ul style="list-style-type: none"><li>-Ensure that this product is sufficiently charged.</li><li>-Check all output ports to ensure there is no blockage or short.</li><li>-Disconnect all devices, turn the system off, turn it back on, and try using this product again.</li><li>-Try using this product to power a different device.</li></ul>
<p>The product unexpectedly shuts down during use.</p>	<p>The internal protection system will shut down this product in the event of an overcharge, overdischarge, extreme temperature, overcurrent, or short circuit. Disconnect all electrical equipment, place the product within the appropriate temperature range, and charge the product for 5-10 minutes. Before reconnecting any equipment, ensure that the equipment is not faulty.</p>
<p>The product cannot be charged.</p>	<ul style="list-style-type: none"><li>-Make sure the specifications of the charging equipment fall within the charging parameters of this product.</li><li>-Ensure that the temperature of your environment is within the appropriate range for charging this device.</li></ul>

## Warranty Information

During the warranty period, the dealer or manufacturer will provide replacement parts and/or service if there are any defects in the material and workmanship of this product, and in the event of damage that is not caused by improper use of this product.

Product packaging and accessories are not covered by warranty.

Seller will not be liable for any special, incidental, or consequential loss, or any loss or damage arising out of improper use of this product, whether alone or in conjunction with any other equipment or materials.

The warranty will be terminated under any of the following conditions:

- The product has been opened, modified, or disassembled.
- The product has suffered damage from external forces.
- The product was not used in accordance with this User Manual.
- The product has encountered an extreme event (such as lightning or a flood).
- The product has been damaged or made inoperable by user error.
- The product has been used in an environment where the temperature or humidity is outside of the operating parameters of this device.





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