


USER MANUAL

OMEGA 453

Portable Generator

EXPERTPOWER®

INTRO



Thank you for choosing the OMEGA Series Clean Energy Generator, the trusted companion for all your travels and adventures both on and off the grid.

TABLE OF CONTENTS

| | |
|--------------------------|----|
| What's Included | 3 |
| Omega Overview | 4 |
| Charging Your Devices | 6 |
| Recharging Your Omega | 8 |
| Technical Specifications | 9 |
| Warnings | 10 |
| Customer Support | 11 |

ACCESSORIES INCLUDED

1 AC CHARGING CABLE



2 DC OUTPUT CABLE



3 3 IN 1 CHARGING CABLE



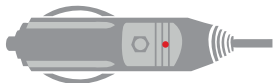
4 SOLAR CHARGING CABLE



5 JUMP STARTER CABLE

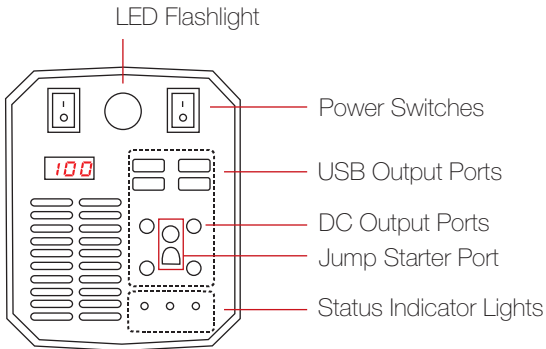


6 CAR CHARGER

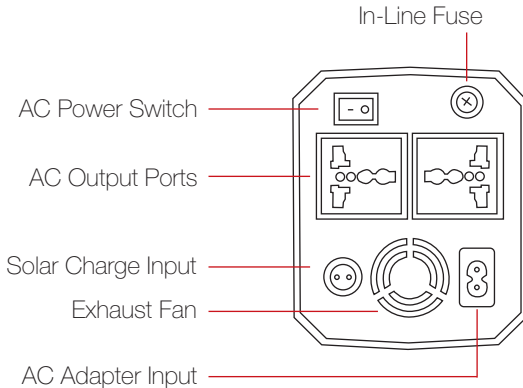


OVERVIEW

DC OUTPUT (FRONT)



AC OUTPUT (BACK)



RUN TIME



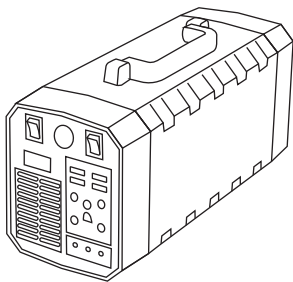
iPhone 7
32+ Recharges



50W Fan
7+ Hrs



MacBook
9+ Recharges



Desktop Computer
8+ Hrs



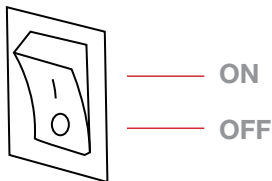
Mini Fridge
9+ Hrs



Jump Start
⚡⚡⚡

CHARGING YOUR DEVICES

Use the power switches to activate the corresponding output ports on each side of the generator.



NOTES

- Ω Turn off outputs when not in use to conserve power. The OMEGA will not turn off automatically.
- Ω The OMEGA's total rated output is 500W and peaks at 1000W. If the output exceeds 500W, the generator will automatically power off. Reduce the output to below 500W, then use the power switches to reset the generator.
- Ω The external 8A Fuse acts as a barrier of protection from overloads and short circuits to prevent damage to your device. If the Fuse is blown, it is easily replaceable.

USING THE CAR JUMP STARTER

Plug in the jump starter cable into the appropriate port on the generator. Once plugged in the red and green lights will begin to flash.

Place the clamps over the appropriate terminals of the dead car battery.

Please remember to place the positive(red) clamp first, then the negative.

Hold down the "Factory" button on the top of the jump starter for three seconds. The green "Start" light should now turn solid, and the red "Error" light should not be showing.

The generator will begin to jump start your car battery and you may now attempt to start your car.

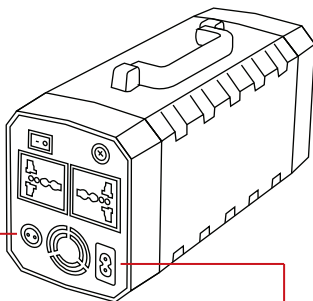
After 30 seconds, the jump starter will auto shut-off, and you may disconnect the jumper cables from your battery. Please remember to remove the negative first, then positive connections when it's time to remove them.

Note:

The Omega 453 is able to immediately jump start cars with 2.5L car engines or smaller. For vehicles with engines larger than 2.5 Liter, you will need to apply a quick 10-minute charge to the battery before jump starting.

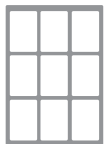
RECHARGING OMEGA 453

The Omega will beep when power levels are low as a reminder to recharge.”

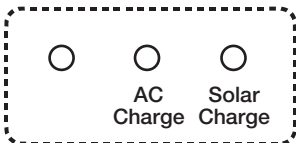


SOLAR CHARGER

AC WALL CHARGER



CHARGING INDICATORS



- Red = Charging
- Green = Fully charged

TECHNICAL SPECIFICATIONS

GENERAL

| | |
|----------|--------------------|
| Capacity | 12 V / 453 Wh |
| Weight | 6.95 Lbs |
| Size | 4.25 x 10.8 x 5 in |
| Waveform | Pure Sine Wave |

BATTERY

| | |
|-------------|-------------------------|
| Cell Type | Lithium-ion |
| Life Cycles | 500+ |
| Shelf-life | Recharge every 3 months |
| Fuse Type | 8A Fuse |

INPUT

| | |
|---------------|---------------------|
| AC Adapter | AC 110-220V 50/60Hz |
| Solar Charger | 18V MAX. 100W |
| Car Charger | 12V only |

OUTPUT

| | |
|-----------------------|-----------------------------|
| AC Output | 110V 60Hz |
| USB Output | 5V 6A Max (2x 1A / 2x 2.1A) |
| DC Output | 4 x 12V 4A |
| Wattage | 500W, Peak 1000W |
| Operating Temperature | -10°C - 40°C |

WARNINGS

Use and recharge every three months to extend the life span of the generator.

Contact or exposure to liquids may cause irreparable damage to the internal battery.

Avoid exposure to fire and extreme temperatures.

Dangerous if mishandled. Do not drop, misuse or abuse.

Dispose of batteries appropriately. Follow your local battery recycling regulations.

Not suitable for air transport under TSA regulations.

WARRANTY

1-year limited warranty

The warranty applies to defective items, and does not cover damages caused by customer negligence or misuse.

CUSTOMER SUPPORT

Lifetime Tech Support

support@expertpower.us
(562) 630 - 3002

Office Hours Mon to Fri 9 - 5 pm. PST

www.expertpower.us