

# DURACELL®

## G350

### PORTABLE POWER STATION

### USER MANUAL



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## Safety Instructions

1. Read all the instructions before using the G350 Portable Power Station.
2. To reduce the risk of injury, close supervision is necessary when the G350 is used near children.
3. Do not expose the G350 to rain or snow.
4. Use only recommended Duracell accessories and charging cable.
5. Do not expose the G350 to fire or excessive temperature. Any such exposure to fire or temperature above 140°F (60°C) may cause an explosion. Do not use near flammable gases or fumes.
6. Do not use the G350 with damaged wires or plugs. It may cause an electric shock.
7. Do not use the G350 if it is damaged or modified. Damage or modification of the G350, including the lithium-ion battery pack within the G350, may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
8. Make sure to use the G350 in a ventilated environment. Do not restrict the ventilation of the G350 in any way during usage.
9. During storage keep the G350 in a dry and ventilated place to avoid moisture and electric shock.
10. The G350 unit has no serviceable parts.
11. Do not disassemble, repair, or modify the G350 or the battery pack. It may cause fire, explosion, injury, and unpredictable risks.
12. Do not remove power cables by pulling on the cable itself, as it may fray and cause a short circuit. Cables should be properly removed by holding their connectors and pulling.
13. AC output is a pure sine wave AC waveform. See the caution statement on the next page before connecting the appliances to the G350 Unit.
14. Please visit [www.duracell.com](http://www.duracell.com) or call Duracell Consumer Relations at 800-551-2355 if you experience any problems with the G350.

If instructions are not followed, it can cause hospitalization, serious injury, or death. Serious injuries include blindness, burns, electric shock, etc., leading to complications.

## Warning and Hazard Types

### ELECTRIC SHOCK HAZARD

Do not subject the G350 Unit to mechanical shock. Keep away from children. The G350 generates the same potentially lethal 120V AC voltage as a standard household wall outlet. To reduce the risk of fire or electric shock, do not open the enclosure or expose the G350 to rain or moisture. Do not insert foreign objects into the AC connection or the

ventilation holes. All AC plugs must be properly inserted and avoid using damaged cables. Do not operate outside of its operating temperature range of 4°C to 40°C.

#### **FIRE HAZARD**

Do not burn or incinerate this G350 or battery pack. Exposing the G350 unit to heat or fire may cause an explosion, resulting to personal injury or damage. Do not use near flammable gases or fumes or apparatus that produces large amounts of heat.

#### **APPLIANCE CAUTIONS**

The G350's AC output is a 350W 120V/60Hz pure sine wave, intended for powering low Power devices and portable electronic devices. The AC output can also be used for small fans and lights and charging of other portable electronic devices such as laptops, tablets, and mobile phones. Devices rated more than 350W (e.g. Toaster, Coffee Maker, Hair Dryer etc) will not function.

DO NOT plug small appliances into the G350's AC receptacle to directly recharge their nickel-metal hydride batteries.

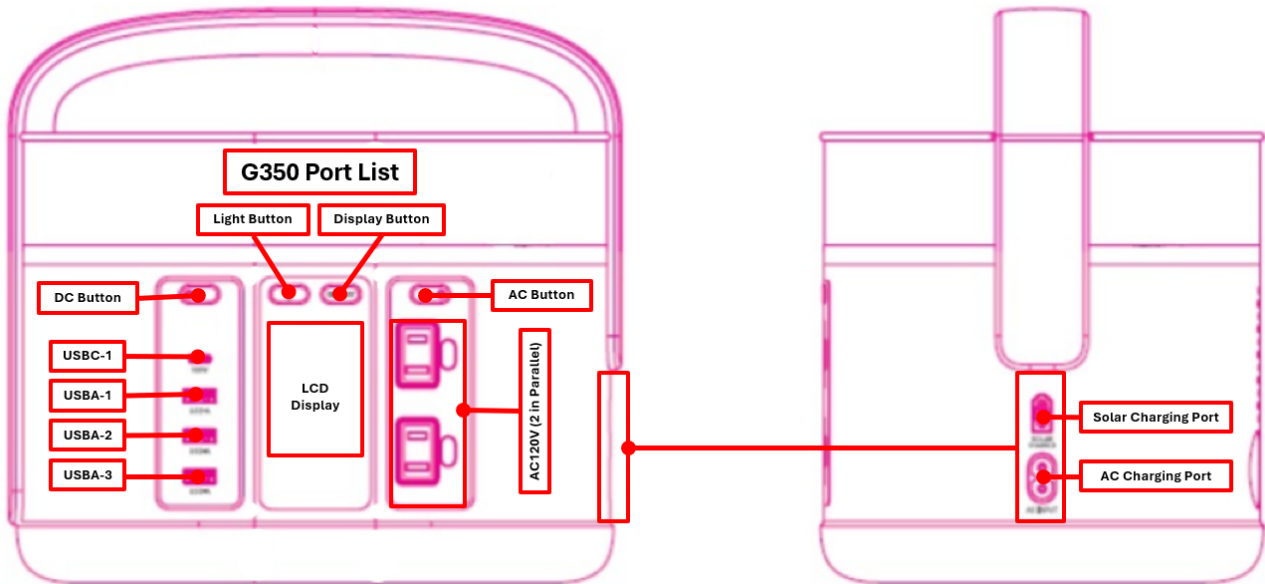
## **FCC Statement**

This device complies with Par 15 of the FCC Rules and Class B Digital Device limits which provide protection against interference in a residential installation. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio/TV communications for which the manufacturer is not responsible. Should interference occur, correct by connecting the device to another outlet on a different circuit.

# Product Specifications



<b>Model</b>	<b>PPS350-274-120-01</b>
<b>Chemistry</b>	<b>Li-Ion NMC</b>
<b>Maximum Capacity</b>	274Wh (25Ah@10.95V)
<b>Lifecycles</b>	500 Cycles to 80% capacity
<b>Storage Requirement</b>	Recharge every 3-6 months
<b>Protection Systems</b>	Short Circuit Protection, Over / Under Temperature Protection, Overload Protection, Input Reverse Polarity Protection, Input Over Voltage Protection, Input Under Voltage Protection, Battery Under and Overvoltage Protection.
<b>Charge Time</b>	
AC input	4.5 hrs.
Solar Panel (Duracell G-Solar Panel 100W)	5-8hrs. (Full Sun)
<b>General</b>	
Weight	4.2±0.1kg (9.26±0.22lbs)
Dimensions(L*W*H)	252*182*234mm (9.9*7.2*9.2 inches)
Discharging Temperature	-14 to 104°F (-10 to 40°C)
Charging Temperature	39.2 to 104°F (4 to 40°C)
Storage Temperature	42 to 85°F (6 to 29°C)
Certifications	FCC/DOE/ETL/RoHS/Prop-65/TSCA/PFAS
Warranty	24 Months

## Using your Portable Power Station

1. Press any power button to turn the G350 on. The LCD screen will light up and the battery level indicator will display.
2. For all ports, press the power button of the ports you wish to use (DC, Light, or AC120V).
3. The LED light on the Button will be lit up, indicating that the ports are on and ready to use.
4. Connect your device to the desired port/outlet.
5. AC120V outlets can only charge/power devices rated less than 350 Watts. Once this limit is exceeded, the G350 will shut off automatically. The overload icon will display on the screen and the G350 will beep three times.
6. The AC120V port output will turn off automatically after 2 hours if no load is detected to save battery life.
7. The DC port will turn off automatically in 8 hours if no load is detected to save battery life.
8. The LCD screen will automatically shut down after 60 seconds when all ports are off or not in use.
9. If the G350 won't be used for a long time, it should be recharged every 3-6 months and keep the power above 80%. Please keep it in a cool and dry place.
10. An error code will be shown on LCD display when the G350 detects an error or protection being activated.

### Content of Display in LCD Screen:

Battery SOC% and level, Discharge Time/ Time until empty, Recharge Time/Time until full, INPUT Section displays Watts and Sources for Inputs: AC, SOLAR, and DC OUTPUT section displays Watts and sources for output: BYPASS MODE (when AC icon turns On in Input section). UPS/ INVERTER MODE (when the UPS Icon turns ON) or DC (when the AC icon is in the input section and the UPS icon is off).

Has Icons of "ERROR", "OVERLOAD", "SHORT", Low-Temp Warning icon, High-Temp Warning icon, Battery Fault icon, and RESET BREAKER.

### Buttons on the G350:

There are 5 buttons on the G350:

Button 1: DISPLAY Button



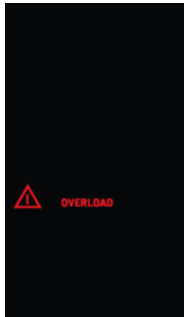


Button 2: DC output on/off Button (With Built-in LED light).

Button 3: AC output on/off Button (With Built-in LED light).



Button 4: Ambient Light button.

## Error Code List, Recovery and Troubleshooting

Fault Code	Device/Port/Fault Content	Troubleshooting/Recovery	Fault Icon Activated	Beep
E01	Battery communication abnormal	Contact Duracell PPS		Beep three times
E02	AC120V communication abnormal	Contact Duracell PPS		
E04	Discharge overcurrent protection	Auto-recovery after 5 seconds		
E10	Battery under voltage protection	Charge the G350 until the SOC is greater than 5% and the G350 will recover automatically		
E11	Battery overvoltage protection	Remove the charger and all loads connected to the G350. Wait for it to be recovered automatically.		
E12	Battery over-discharge protection	Remove the discharger and all loads connected to the G350. Charge the G350 until the SOC is greater than 5% and the Unit will recover automatically		
E15	Power delivery initialization failed	Press DC button		
E30	Peak voltage charging protection	Automatic recovery after normal charging or peak voltage charging removal.		
31	Crystal oscillator short circuit protection	External crystal oscillator recovery or device restart.		
E05	Discharge high-temperature protection	Recovery trigger after battery temperature $\leq 55^{\circ}\text{C}$ for 3 seconds.		Beep three times
E07	Charging high-temperature protection	Recovery trigger after battery temperature $\leq 45^{\circ}\text{C}$ for 3 seconds.		
E09	Power delivery overtemperature protection	Recovery trigger after battery temperature $\leq 60^{\circ}\text{C}$ for 3 seconds.		
E17	USB output undervoltage	Press DC button		
E19	USB total output over-current	Press DC button		
E20	3 USB-C output overloads	Press DC button		
E23	Power delivery (USB-C) output protection	Press DC button		
E28	AC output protection	Press AC button		
E20	Power delivery USB-A1 to A3 output protection	Remove the device connected to the USB-A port and the G350 will recover		
E13	Low battery protection	Charge the G350 until the SOC increases above 5% and the fault will clear automatically		
E06	Low-temperature discharge protection	Recovery trigger after battery temperature $\geq 10^{\circ}\text{C}$		
E08	Charge low-temperature protection	Recovery trigger after battery temperature $\geq 7^{\circ}\text{C}$ for 3 seconds		



## Storage and Maintenance

1. Please keep the G350 in a cool and well-ventilated environment, away from any source of water, heat, or flammable gases.
2. For long-term storage, please recharge the G350 every 3-6 months to make sure it's always above 80%.

If you are still experiencing problems with your Duracell Power Station, please visit [www.duracell.com](http://www.duracell.com) or call Duracell Consumer Relations at 800-551-2355.

## Disposal and Recycling

Recycle the G350 responsibly and according to local, state, and national regulations applicable to lithium-ion rechargeable batteries.

## Warranty Information

Duracell offers a 24-month limited warranty from the date of purchase. Keep a copy of your purchase receipt as proof of purchase. Our product's warranty is limited only to the G350 itself when used normally in accordance with the operating instructions and the system environment. Therefore, the customer acknowledges and agrees that:

- Duracell is not liable for damage or loss resulting from the use of this product or for any claim from a third party.
- Duracell is not liable for problems with any electronic devices or home appliances or any other hardware, arising from the use of this product, the suitability of the product for specific hardware, software, or peripherals, operating conflicts with other installed software, data loss or other accidental or unavoidable damages.
- Duracell is not liable for financial damages, lost profits, claims from third parties, etc., arising from the use of this product.

**For more information regarding our product line, customer service, and warranty information please contact Duracell Consumer Relations at 800-551-2355 or visit our website: [www.duracell.com](http://www.duracell.com)**