70082

FITS PREDATOR 350 Power Station User Manual

Model: 70082

Introduction

The FITS PREDATOR 350 Power Station is a versatile and portable power solution designed to provide reliable energy for various applications, from outdoor adventures to emergency preparedness. With its robust design and multiple charging options, it ensures you have power whenever and wherever you need it.



Figure 1: Front view of the FITS PREDATOR 350 Power Station, showcasing its compact design and various output ports.

This power station features a 294Wh capacity, 350 running watts, and 700 starting watts, delivering pure sine wave output for sensitive electronics. It supports charging via solar, AC, car, and USB-C, and can power up to 6 devices simultaneously.

Key Features:

- **Powerful Performance:** 350W continuous power, 700W peak power.
- **Fast Charging:** Rapidly recharge your devices with multiple charging ports.
- **Long-lasting Battery:** High-capacity Lithium Iron Phosphate battery for extended usage.
- **Pure Sine Wave Output:** Safe and reliable power for sensitive electronics.
- **Versatile Charging:** Solar, AC, car, and USB-C charging options.
- **Durable and Compact:** Built to withstand the elements and easy to transport.

Setup

Before using your FITS PREDATOR 350 Power Station for the first time, please ensure it is fully charged. This optimizes battery life and performance.

1. Unpacking and Inspection:

- Carefully remove the power station and all accessories from the packaging.
- Verify that all included components are present:
  - FITS PREDATOR 350 Power Station
  - AC Charging Cable
  - Car Charging Cable
  - Solar Charging Cable
- Inspect the unit for any signs of damage during transit. If damage is found, do not use the unit and contact customer support.

2. Initial Charging:

It is recommended to fully charge the power station before its first use. Choose one of the following charging methods:

1. **AC Charging:** Connect the AC Charging Cable to the power station's AC input port and then to a standard wall outlet. The display will indicate charging status.
2. **Car Charging:** Use the Car Charging Cable to connect the power station to your vehicle's 12V cigarette lighter port.
3. **Solar Charging:** Connect a compatible solar panel (not included) to the power station using the provided Solar Charging Cable. Ensure the solar panel is placed in direct sunlight for optimal charging.
4. **USB-C Charging:** Connect a USB-C PD charger (not included) to the USB-C In/Out port.

The power station's display will show the battery percentage and charging wattage. Charging time will vary depending on the method used.

Operating Instructions

The FITS PREDATOR 350 Power Station is designed for ease of use. Familiarize yourself with its display and output ports.



Figure 2: Detailed view of the control panel, showing the display, DC, USB, and AC output sections.

1. Understanding the Display:

The digital display provides real-time information about the power station's status:

- **Battery Percentage:** Shows the current charge level.
- **Input/Output Wattage:** Displays the power being drawn in (charging) or supplied out (discharging).
- **Time to Empty/Full:** Estimates the remaining operating time or time until full charge based on current power draw/input.
- **Port Indicators:** Icons illuminate to show which output ports are active.

2. Powering On/Off:

Press and hold the main power button (usually located near the display) for a few seconds to turn the unit on or off. Individual output sections (DC, USB, AC) may have their own power buttons to activate or deactivate them.

3. Using Output Ports:

- **AC Outlets (120V):**

  The power station provides two 120V AC outlets with pure sine wave output, suitable for sensitive electronics like laptops, medical devices, and small appliances. Press the AC power button to activate these outlets. Ensure the total wattage of connected devices does not exceed 350W continuous or 700W peak.

- **USB Ports (USB-A, USB-C):**

  Connect your smartphones, tablets, and other USB-powered devices to the two USB-A (12W) ports or the USB-C PD (100W In/Out) port. Press the USB power button to activate these ports. The USB-C port can also be used for charging the power station itself.

- **12V DC Outlet:**

  The 12V/10A DC outlet is ideal for powering car appliances, portable refrigerators, or other 12V devices. Press the DC power button to activate this outlet.

Important: Always ensure that the total power consumption of your devices does not exceed the power station's rated output to prevent overload and potential damage.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your FITS PREDATOR 350 Power Station.

1. Battery Care:

- **Regular Charging:** Even if not in use, charge the power station at least once every 3-6 months to maintain battery health.
- **Avoid Deep Discharge:** Do not allow the battery to completely drain for extended periods. Recharge promptly when the battery level is low.
- **Optimal Storage Temperature:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures. The ideal storage temperature is between 0°C and 40°C (32°F and 104°F).

2. Cleaning:

- Use a soft, dry cloth to wipe the exterior of the power station.
- Do not use abrasive cleaners or solvents.
- Keep ventilation openings clear of dust and debris.

3. Storage:

When storing the power station for extended periods, ensure it is charged to approximately 50-80% capacity. This helps preserve battery life.

Troubleshooting

If you encounter issues with your FITS PREDATOR 350 Power Station, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Power Station not turning on.	Battery is completely drained.	Connect to an AC outlet or car charger and allow it to charge for at least 30 minutes before attempting to power on.

Problem	Possible Cause	Solution
No output from AC/DC/USB ports.	Output ports not activated; Overload protection triggered.	Ensure the individual AC, DC, or USB power buttons are pressed. Reduce the load by unplugging some devices and restart the power station.
Slow charging time.	Low input power; Environmental factors (e.g., cloudy for solar).	Ensure the charging source is providing adequate power. For solar, ensure direct sunlight and clear panels. Consider using a higher wattage AC adapter if available.
Display not working correctly.	Temporary software glitch; Extreme temperature.	Try restarting the power station. Move the unit to a moderate temperature environment.

If the problem persists after trying these solutions, please contact customer support for further assistance.

Specifications

Detailed technical specifications for the FITS PREDATOR 350 Power Station:

Model Name	FITS PREDATOR 350 Power Station, 350 Running Watt, 294 Wh Capacity
Model Number	70082
Battery Capacity	294Wh
Battery Type	Lithium Iron Phosphate
AC Output	2 x 120V AC Outlets, 350W Running, 700W Starting (Pure Sine Wave)
USB-A Output	2 x USB-A (12W)
USB-C Output/Input	1 x USB-C PD (100W In/Out)
DC Output	1 x 12V DC Outlet (10A)
Charging Inputs	AC, Car, Solar, USB-C
Certifications	BC, FCC, TUV, UN38.3
Item Weight	13.68 Pounds (6.2 kg)
Product Dimensions	9.75"L x 7.5"W x 7.5"H (24.77cm x 19.05cm x 19.05cm)
Manufacturer	HFT
Country of Origin	China

Warranty and Support

For warranty information, please refer to the documentation included with your product packaging or visit the manufacturer's official website. Warranty terms and conditions may vary.

If you require technical assistance, have questions about product operation, or need to report an issue, please contact the manufacturer's customer support. Have your model number (70082) and purchase details ready when contacting support.

For the most up-to-date support contact information, please refer to the official Generic brand website or the retailer from whom you purchased the product.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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