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› Pickle Power PSP 3001 Battery and LED Display Charger User Manual

Pickle Power PSP-S110 / PSP 2000/3000 Series Charger and Battery

Pickle Power PSP 3001 Battery and LED Display Charger User Manual

Model: PSP-S110, PSP-2000/3000 Series Compatible

INTRODUCTION

Thank you for choosing the Pickle Power PSP Battery and LED Display Charger. This product is designed to provide reliable power for your Sony PSP 2000 and 3000 series consoles. It features a high-capacity 1200mAh battery and a smart charger with an LED display for monitoring charging status. The charger offers multiple charging options and incorporates multi-protection functions for safe and efficient charging.



Figure 1: The Pickle Power PSP Battery and LED Display Charger kit, including the battery, charger, and charging cable.

PRODUCT COMPATIBILITY

This Pickle Power battery and charger set is specifically designed for the following Sony PSP models:

- **Sony PSP 2000 Series:** PSP-2001, PSP-2002, PSP-2003, PSP-2004, PSP-2005, PSP-2006, PSP-2007, PSP-2008, PSP-2010 (PSP Lite, PSP Slim)
- **Sony PSP 3000 Series:** PSP-3001, PSP-3002, PSP-3003, PSP-3004, PSP-3005, PSP-3006, PSP-3007, PSP-3008, PSP-3010

Important: This product is **NOT** compatible with the Sony PSP 1000 series (PSP-1001, PSP-1002, etc.). Please verify your PSP model number before use.



Figure 2: Visual guide indicating compatibility with PSP 2000 and 3000 series, and non-compatibility with PSP 1000 series.

SETUP

1. Battery Installation (into PSP console)

1. Ensure your PSP console is powered off.
2. Locate the battery compartment on the back of your PSP.
3. Open the battery compartment cover.
4. Carefully insert the Pickle Power battery into the compartment, ensuring the contacts align correctly.
5. Close the battery compartment cover securely.

2. Charger Connection

1. Connect the provided USB charging cable to the micro-USB input port on the charger.
2. Connect the other end of the USB cable to a compatible power source (e.g., USB wall adapter, computer USB port, power bank, car charger).
3. The LED display on the charger will illuminate, indicating it is powered on.

OPERATING INSTRUCTIONS

Charging the Battery

1. Ensure the charger is connected to a power source as described in the Setup section.
2. Insert the Pickle Power battery into the charging slot on the charger. Ensure it is seated firmly.
3. The LED digital display screen will show the current charging percentage and battery icon, indicating that charging has begun.
4. Once the battery is fully charged, the LED display will show "100%" and the battery icon will be full. Remove the battery from the charger.

Multiple Charging Options



LED display screen



5V/2A
Charging Input



Figure 3: The charger supports multiple charging options, including wall charger, car charger, power bank, and PC USB port.

Understanding the LED Display

The integrated LED display provides real-time information about the battery's charging status. The percentage indicates the charge level, and the battery icon visually represents the charge progress.

LED Digital Display Screen



The LED display screen shows remaining power in digital format, can see the percentage of battery obviously and effortlessly.

Indicator Status	Power Ratio	Statements
	No power	No power
	6%---25%	One LED on
	26%---50%	Two LED on
	51%--75%	Three LED on
	76%---100%	Four LED on

Figure 4: The LED display clearly shows the remaining power in digital format, making it easy to monitor the battery's charge level.

LED Display Indicator Status

Indicator Status	Power Ratio	Statements
[Empty Battery Icon]	No power	No power
[One Bar]	6%—25%	One LED on
[Two Bars]	26%—50%	Two LED on
[Three Bars]	51%—75%	Three LED on
[Four Bars]	76%—100%	Four LED on

MAINTENANCE

Battery Care

- **Optimal Charging:** For best battery lifespan, avoid completely draining the battery before recharging.
- **Storage:** If storing the battery for an extended period, charge it to about 50% and store it in a cool, dry place. Avoid extreme temperatures.
- **Cleaning:** Keep the battery contacts clean and free of dust or debris. Use a dry, soft cloth if cleaning is necessary.

- **Disposal:** Dispose of old or damaged batteries responsibly according to local regulations. Do not dispose of batteries in household waste.

Charger Care

- **Cleaning:** Wipe the charger with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the charger in a dry environment when not in use.
- **Avoid Damage:** Do not drop the charger or expose it to excessive force, moisture, or extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Pickle Power battery or charger, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging / Charger LED not lighting up.	• Loose cable connection. • Faulty power source. • Battery not inserted correctly. • Incompatible PSP model (for battery).	• Ensure all cables are securely connected. • Try a different USB port or wall adapter. • Re-insert the battery, ensuring proper alignment. • Confirm your PSP is a 2000 or 3000 series model.
LED display shows "0%" or doesn't change.	• Battery deeply discharged. • Charger or battery malfunction.	• Leave the battery on the charger for a longer period; the charger has a 0V voltage activation function for deeply discharged batteries. • If the issue persists, contact customer support.
Battery drains quickly after charging.	• Battery lifespan nearing end. • High power consumption by PSP.	• Consider replacing the battery if it's old. • Adjust PSP settings (e.g., screen brightness) to reduce power consumption.

The charger features multiple protection functions including Over Voltage, Over Current, Short Circuit Protection, Battery Reverse Polarity Protection, Smart Identification of Damaged Batteries, and 0V Voltage Activation Function. These features are designed to protect both the battery and the charger from potential damage.

Multiple Safety Protection



Figure 5: The product incorporates multiple safety protections, including over-voltage, over-heat, short circuit, over-charge, and high-temperature protection.

SPECIFICATIONS

Feature	Detail
Battery Capacity	1200mAh
Battery Type	Lithium Ion
Battery Voltage	3.7V
Charger Input Voltage	5 Volts
Product Dimensions (Battery)	1.41 x 2.04 x 0.35 inches (3.58 x 5.18 x 0.89 cm)
Item Weight (Battery)	3.52 ounces (99.79 grams)
Compatibility	Sony PSP 2000 Series, Sony PSP 3000 Series

Feature	Detail
Charger Features	LED Digital Display, Micro-USB Input, Multi-protection Functions

Battery Specification

Voltage: 3.7V

Capacity: 1200mAh

Battery Type: Lithium Ion

for: Sony PSP 2000/3000



Figure 6: Detailed specifications of the Pickle Power PSP battery, including its voltage, capacity, type, and physical dimensions.

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided within this manual. For details regarding warranty coverage, returns, or technical support, please refer to the product listing on the retailer's website or contact Pickle Power customer service directly through their official channels.

You can often find contact information or support resources on the manufacturer's official website or through the platform where you purchased the product.

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