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› STORCUBE Smart Plug for S1000 Power Station Instruction Manual

STORCUBE Smart 16A

STORCUBE Smart Plug (Model: Smart 16A) Instruction Manual

For S1000 Power Station Integration

1. INTRODUCTION

Thank you for choosing the STORCUBE Smart Plug. This device is designed to enhance your energy management by providing real-time monitoring and precise power allocation, especially when integrated with your STORCUBE S1000 Power Station. This manual will guide you through the setup, operation, and maintenance of your Smart Plug to ensure optimal performance and energy efficiency.

2. SAFETY INFORMATION

Please read all safety instructions before using the product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Do not disassemble, repair, or modify the device.
- Ensure the plug is securely inserted into a compatible power outlet.
- Do not expose the device to water or extreme temperatures.
- Keep out of reach of children.
- Do not exceed the maximum load capacity of 3680 Watts.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- STORCUBE Smart Plug (Model: Smart 16A)
- User Manual (this document)

4. PRODUCT FEATURES

The STORCUBE Smart Plug offers several key features for advanced energy management:

- **Real-time Monitoring:** Track the energy consumption of connected appliances in real-time via the mobile application.
- **Precise Power Output:** Seamlessly integrate with your STORCUBE S1000 solar system to monitor and deliver precise power to your appliances, optimizing energy efficiency.
- **Mobile App Energy Insights:** Gain insights into energy usage anytime, anywhere. The mobile app allows visualization and management of energy consumption for informed energy-saving decisions.
- **Customized Power Distribution:** Use the application to allocate the exact required power for each monitored load. Adjust the power source according to specific needs to ensure efficient energy distribution.
- **Smart Power Output Technology:** Experience smart power output that maximizes energy utilization and minimizes waste, contributing to a more environmentally friendly and cost-effective energy consumption in your home.

5. SETUP

5.1 Physical Installation

1. Plug the STORCUBE Smart Plug into a standard wall outlet.
2. Connect the appliance you wish to monitor and control (e.g., an air conditioner) into the Smart Plug.
3. Ensure the STORCUBE S1000 Power Station is powered on and within Wi-Fi range.

REAL-TIME MONITORING PRECISION POWER SUPPLY ECHTZEITÜBERWACHUNG PRÄZISIONSSTROMVERSORGUNG



Image: The STORCUBE Smart Plug is shown connected to an air conditioner, which is then linked to a STORCUBE S1000 Power Station for integrated energy management.

5.2 App Installation and Pairing

1. Download the official STORCUBE mobile application from your device's app store (iOS or Android).
2. Open the app and create an account or log in.
3. Follow the in-app instructions to add a new device. Select the Smart Plug from the list of available devices.
4. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during the pairing process.
5. The app will guide you through connecting the Smart Plug to your home Wi-Fi network and linking it with your STORCUBE S1000 Power Station.

6. OPERATING INSTRUCTIONS

6.1 Real-time Energy Monitoring

- Open the STORCUBE app.
- Select your Smart Plug from the device list.
- The app will display real-time power consumption (in Watts) and historical data for the connected appliance.

6.2 Customized Power Allocation

- Within the Smart Plug's interface in the app, navigate to the power allocation settings.
- You can set specific power limits or schedules for the connected appliance, optimizing its usage with the S1000 Power Station.
- The system will automatically adjust power delivery based on your settings and the S1000's available energy.

6.3 Remote Control

- Use the app to remotely turn the connected appliance on or off.
- Set timers or schedules for automatic operation.

7. MAINTENANCE

- **Cleaning:** Disconnect the Smart Plug from the power outlet before cleaning. Use a dry, soft cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the STORCUBE app for available firmware updates for your Smart Plug. Updates can improve performance and add new features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Smart Plug not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; too far from router	Ensure correct 2.4GHz Wi-Fi password; move closer to router; restart router.
Appliance not responding to control	Smart Plug offline; appliance not properly plugged in; power outage	Check Smart Plug status in app; ensure appliance is fully plugged into Smart Plug; verify power supply.
Inaccurate energy readings	Temporary software glitch; incompatible appliance	Restart the Smart Plug; ensure the appliance is within the plug's specifications.
Smart Plug not recognized by S1000	Improper app integration; S1000 not updated	Re-link the Smart Plug in the STORCUBE app; ensure S1000 firmware is up to date.

9. SPECIFICATIONS

Feature	Detail
Brand	STORCUBE
Model Number	Smart 16A
Manufacturer	Beijing CEEPOWER Storage Technology Co.,Ltd.
Dimensions	8.6 x 6.2 x 5.5 cm; 90 grams
Connector Type	2-Pin
Compatible Devices	Solar-powered devices, outdoor devices
Electrical Power	3680 Watts (Max)
Number of Items	1
Power Source	Corded Electric
Portable	No
Power Plug Type	Type F (German) 2-pin plug

10. WARRANTY INFORMATION

STORCUBE products are covered by a limited warranty from the date of purchase. Please refer to the official STORCUBE website or contact customer support for detailed warranty terms and conditions specific to your region. Keep your proof of purchase for warranty claims.

11. SUPPORT

For technical assistance, troubleshooting, or general inquiries, please contact STORCUBE customer support through the following channels:

- **Website:** Visit the official STORCUBE website for FAQs and support resources.
- **Email:** Refer to your product packaging or the STORCUBE website for customer service email addresses.
- **In-App Support:** The STORCUBE mobile application may offer direct support options.