

BOSS

BOSS 220



Powering Your Workplace is a Big Expense. It's Time to Think Small.

With the BOSS 220, you can finally take control of the power output of every plug-in device in your facility, right from your mobile device or desktop. The BOSS 220 enables you to manage and control 220V-based equipment such as window air conditioners, electric dryers, and other larger energy-consuming appliances.

The BOSS 220 Volt smart outlet has been upgraded to be compatible with b/g/n networks and WPA2 enterprise. This upgrade allows the plug to work with the most modern equipment, communicate at a faster rate, and to be more secure while doing so. BOSS just got a whole lot better.

BOSS. Smart Buildings Start Here.

Product Features

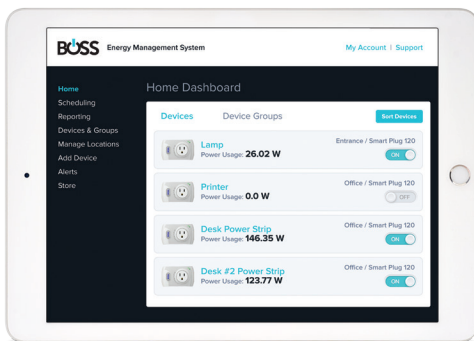
- Single 220V (20 amp) grounded plug-in controller
- Controlled via mobile device or computer with internet connection
- Program with 7-day schedules and easily upload saved schedules to large groups of devices simultaneously
- Monitor real-time and peak power usage (watts)
- Monitor and graph energy consumption (kilowatt hours).
- Use your existing WiFi network with no additional networking infrastructure required
- Group and simultaneously control multiple devices by location, device type or any user defined category
- Power Measurement

Let's get started today. Call us at **412.961.8500** or Toll Free at **855.708.4990**

For more information: info@bosscontrols.com | www.bosscontrols.com

The BOSS Eco-System

The BOSS family of products seamlessly integrates with the BOSS Atmospheres™ energy management platform to provide a secure end-to-end, single log-on solution to monitor and control devices in one or more locations. One-touch settings enable you to prepare your home or business for arrival or departure with a single button push, and receive a variety of alerts and alarms supported through the cloud.



ATMOSPHERES

Control and switch
between multiple BOSS
devices with the swipe
of a finger.

How Could You Use the BOSS 220?

- 🔌 Virtually group and control electrical loads by building, floor, location or device type
- 🔌 Control lighting circuits and measure their energy consumption
- 🔌 Schedule weekend & overnight run-times for vending machines, window air conditioners, and equipment
- 🔌 Reduce kilowatt hours during periods of high energy costs
- 🔌 Manage large groups of window air conditioners simultaneously
- 🔌 Eliminate vacant space loads for devices such as water fountains, heaters and air conditioners
- 🔌 Identify 220V equipment and appliances for replacement based on energy consumption and usage
- 🔌 Simultaneously control & schedule devices in different buildings

Open API for Integration

Device data and control is available for integration into a dashboard, mobile app or other application via BOSS open API. The BOSS 220 transmits consumption and power information every 30 seconds. All data is transferred and stored securely and can be accessed via the cloud.

Technical Features

- 🔌 IEEE 802.11 b/g/n compatible
- 🔌 802.11b, 2.4 GHz band, at up to 11MBPS
- 🔌 802.11g, 2.4 GHz band, at up to 54MBPS
- 🔌 802.11n, 2.4 GHz band (Single stream), at up to 72MBPS
- 🔌 WPA/WPA2- PSK, WPA2- Enterprise (PEAP0, EAP-FAST)
- 🔌 UDP (On local network), TCP/IP (IPv4), DHCP, ARP, HTTP/HTTPS
- 🔌 Single dynamic IP address utilized (IPv4) per Smart Plug. Obtained via DHCP
- 🔌 Easy web browser or mobile application-based provisioning to attach to local network
- 🔌 30 second sub-metering data resolution
- 🔌 Remote control via Internet, local control via WiFi
- 🔌 Over the Internet firmware upgrade
- 🔌 Cloud based data aggregation and time synchronization
- 🔌 Condition based alert notifications
- 🔌 Supports an open API for system integration
- 🔌 Single-phase 220V (20 amp), 6000 amp surge protection standard socket
- 🔌 LED status indicators
- 🔌 Measurement & Data Logging: voltage, current, power
- 🔌 Open ADR Capable
- 🔌 Certified to UL 916, CSA, ROHS, FCC
- 🔌 Can be secured to outlet wall plate screw
- 🔌 Patented
- 🔌 30-day local data caching, per device

Let's get started today. Call us at **412.961.8500** or Toll Free at **855.708.4990**

For more information: info@bosscontrols.com | www.bosscontrols.com