

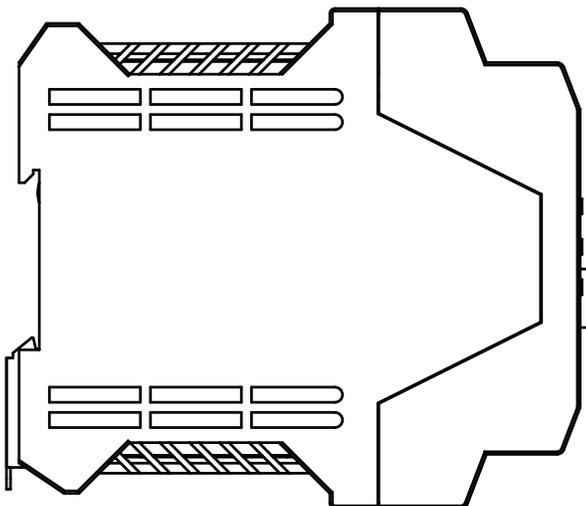
UPS and battery

The Click 203 is a combination uninterruptured power supply and battery, providing reliable DC power to all the modules on your DIN rail. In the case of a power outage, the Click 203 will automatically switch to battery power, keeping your sensor running for up to 30 minutes.

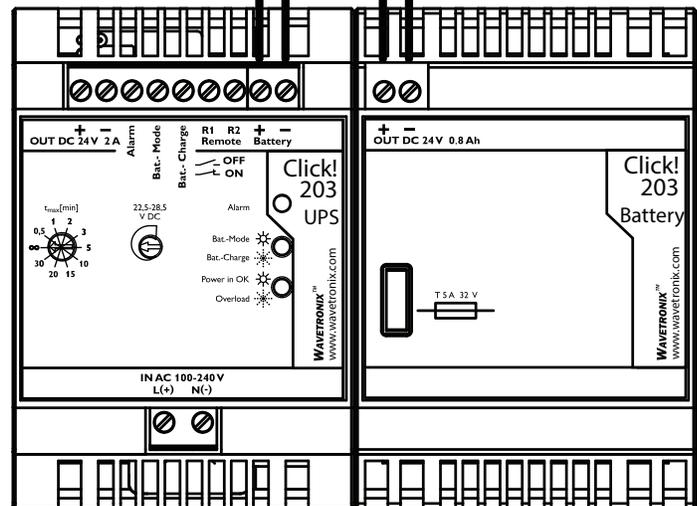


- Provides uninterrupted power to other devices
 - Bumpless switch to battery power in case of power outage
 - Can be set to automatically switch to battery or to turn off when power supply is interrupted
 - Adjustable output voltage between 22.5 VDC and 29.5 VDC (19.2 VDC to 27.9 VDC when running on battery power)
 - LEDs indicate operation modes
 - Adjustable buffer time lets you select how long the device will run on battery power in case of power outage before shutting off
- Modules mount quickly and easily onto DIN rail
 - Battery module has the following features:
 - 0.8 Ah rechargeable battery
 - Charges when plugged into UPS
 - 5 A fuse protects battery from shorts

TOP



FRONT



Click 203 technical specifications

Physical properties

- UPS module weight: 1.1 lbs. (0.5 kg)
- Battery module weight: 1.9 lbs. (0.9 kg)
- Dimensions: 2.7 in. x 3.9 in. x 4.2 in. (6.9 cm x 9.9 cm x 10.7 cm) for each module

Operating conditions

- Ambient operating temperature: 32°F to 212°F (0°C to 40°C)
- Humidity: up to 95% RH

Mounting

- DIN rail-mountable

Connections

- Pluggable screw terminals for easy pre-wiring

Power

- Output current: 2 A
- Output voltage: between 22.5 and 29.5 VDC (depends on device configuration)
- Output voltage in buffer mode: between 19.2 and 27.9 VDC (depends on device configuration)
- Input Voltage Range: 85 to 264 VAC
- Efficiency when converting AC input to DC: 82% or greater

Configuration

- UPS module has potentiometer, which adjusts the power output
- UPS module has buffer time selection dial; it adjusts the length of time that the Click 203 remains on battery power after a power outage before it automatically shuts down
- UPS has three LEDs:
 - Red LED for alarm
 - Yellow LED for battery mode
 - Green LED for power

Battery

- Rechargeable
- Charges when wired to the power supply module
- 5 A fuse protects battery in case of a short

Testing

- Listed with UL under the following standards:
 - UL 508
 - UL 60950
- Passes manufacturer's test before shipping

Support

- Extended support options are available from Wavetronix; contact a Wavetronix representative for more information

Ordering information

Click 203
CLK-203

Contact us

801.734.7200
sales@wavetronix.com
www.wavetronix.com

- Comprehensive user guide

Warranty

- One-year warranty against material and workmanship defect (see Click Warranty datasheet for complete details)

Click 203 bid specifications

1.0 General. This item shall govern the purchase and installation of a combination uninterrupted power supply and battery (UPSB) equivalent to the Wavetronix Click 203. Test results and other documentation demonstrating performance and capabilities shall be provided.

2.0 Product description. The UPSB is a regulated 24 VDC output from a 120–240 VAC input. In case of a power outage, the power supply module shall automatically switch to battery power, known as buffer mode.

3.0 Physical properties. The UPS module of the UPSB shall not exceed 1.1 lbs. (0.5 kg) in weight; the battery module of the UPSB shall not exceed 1.9 lbs. (0.9 kg).

Each module of the UPSB shall not exceed 2.7 in. x 3.9 in. x 4.2 in. (6.9 cm x 9.9 cm x 10.7 cm) in its physical dimensions.

4.0 Operating conditions. The UPSB shall operate continuously over a temperature range of 0°C to 40°C.

The UPSB shall operate in humidity up to 95% RH.

5.0 Mounting. The two UPSB modules shall mount on a DIN rail for quick and easy installation.

6.0 Connections. The UPSB shall have pluggable screw terminals to make installation easy and to minimize incorrect wiring.

7.0 Power. The UPSB shall supply 2 A of current and between 22.5 and 29.5 VDC during normal operation, depending on how the device is currently configured. In buffer mode, the UPSB shall supply between 19.2 and 27.9 VDC.

The UPSB shall accept inputs from 85 to 265 VAC.

The UPSB shall have an efficiency of 82% or greater when converting AC input to DC.

8.0 Configuration. The front of the uninterrupted power supply module shall have a potentiometer, which can be used to adjust the power output. Output voltages from 22.5 VDC to 29.5 VDC can be selected.

The front of the uninterrupted power supply module shall have a dial for selecting the buffer time; this is the length of time that the UPSB shall remain on battery power after a power outage before it automatically shuts down. Times from 0.5 to 30 minutes can be chosen, or the UPSB can be set to run in buffer mode continuously until the battery is discharged.

The front of the uninterrupted power supply module shall include a red LED for alarm indication, a yellow LED for battery mode indication, and a green LED for power indication.

9.0 Battery. The battery module shall be rechargeable and shall charge when it is wired to the uninterrupted power supply module and the power supply module has appropriate power input.

The front of the battery module shall feature a 5 A fuse to protect the module in case of a short.

10.0 Testing. Each UPSB shall be tested by the manufacturer before shipment.

The UPSB shall be listed with UL under UL 508 and comply with all applicable UL 508 standards. It shall also be recognized UL 60950.

11.0 Support. Extended support options shall be available. Contact the manufacturer representative for more information.

A comprehensive user guide shall be available.

12.0 Warranty. The UPSB shall be warranted to be free from material and workmanship defects for a period of one year from date of shipment.