



# Chargique™



## Chargique™ Installation and Usage Guide

### Product Description:

The Chargique™ charging system is easily installed on a plywood or drywall surface. Please read and follow these instructions for safe installation and use.

### Technical Specification:

**Power Requirements:** One standard 120V ac wall outlet. The included power supply can power up to 12 Chargique™ devices.

**Weight Bearing Capacity on Hook:** 25lbs.

**Environment Use:** 40°C maximum, 95% Relative Humidity.

**Charging Capacity:** Each device rated 5V, 1.2A.

**Overload Protection:** Devices individually fused for user safety.

### Installation Instructions:

**Step 1:** Plan out the mounting location of each Chargique™ device. The included template ensures that the backplate is installed at least 2 inches below the bottom of the bar, allowing sufficient clearance to install the hook/cover. Be sure to use a Spirit Level [not included] to level the template.

**Step 2:** Use the included mounting template and a 5/64 inch drill bit [not included] to drill three pilot holes for the three mounting screws. For through-wall wiring, use the included mounting template and a 3/8 inch drill bit to drill two holes to feed the interconnecting wire between backplates. For surface mounted wiring, omit these holes.

**Step 3:** Each Chargique™ device has three mounting holes to securely fix the device to mounting surface. The top two mounting holes are provided on the backplate. Secure the backplate/circuit board to the surface for each charger. Do not secure the cover

until all backplates are wired. Do not apply excessive force to the circuit board, directly or by misalignment of mounting screws. For a plywood surface, use two #8 x 1½ inch screws; for drywall construction use two 1/8 x 2 inch toggle bolt anchors.

**Step 4:** Use included bracket and #8 x ½ inch pan head screws to mount power supply in a dry location [use 5/64 inch drill bit for pilot holes]. Feed the stripped wire **from the power supply** through the opening behind the surface and connect to the first device circuit board. **The red wire should be connected to the terminal marked “+” and the black wire should be connected to the terminal marked “-”.** The wiring is routed behind the surface.

**Step 5:** Use the 18/2 SVT wire provided to interconnect the remaining backplates, **ensuring that proper polarity is maintained throughout.** The wire provided has a white strand and a black strand. **Use the white strand as the “+” side and the black strand as the “-” side.** Once you have installed and wired all backplates, plug in the power supply. Each backplate should be illuminated. Non-illuminated LEDs may indicate reversed wiring at the terminal blocks. If they are all illuminated, turn off power, and place the cover over each backplate [do not pinch, cut or dislodge wires as the cover is pivoted onto the backplate] and secure it with #8 x 1½ inch screw [or toggle bolt, for drywall]. All wiring must be secured using ¼ inch cable clamps and #8 x ½ inch screws. Pre-drill holes using 5/64 inch drill bit. For surfaces where wiring can't be routed behind the surface the wiring shall be dressed using cord hider model CR1-KTW.

## Safety Precautions:

- Installation shall only be performed by a qualified electrician.
- Install devices only in a GFCI/Arc-fault protected circuit.
- When drilling, ensure there are no electrical wires, piping or other objects in the way.
- Do not mount the power supply near wet areas.
- Shut off power while installing or servicing the system.
- Use eye protection.

## Troubleshooting:

If the backplate is not illuminated, ensure that each wire is securely inserted in the terminal block and proper polarity has been maintained.

## Tools Required for Installation:

- \* Pencil
- \* Drill
- \* Phillip Head Screw Driver
- \* Flat Blade Screwdriver
- \* Linesman Pliers
- \* 3/8" and 5/64" Drill Bits
- \* Spirit Level
- \* Awl (for marking holes with template)

## Warranty:

Refer to the Warranty provided with the shipped goods and also available at [chargique.com](http://chargique.com)

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**FCC Part 15 Verification Statement:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: [1] this device may not cause harmful interference, and [2] this device must accept any interference received, including interference that may cause undesired operation.

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### Elegant Port and Power™ LLC

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[Chargique.com](http://Chargique.com)

Made in CHINA

Patent Pending

US and Intl. Patents Pending

Including one or more Patents Issued:

US Pat. No. D790,456

CN Pat. No. CN 304070474 S

JP Pat. No. DM/094485



Canada Standard: CSA C22.2 No. 60950-1-07 + Am1 [2011] + Am2 [2014]

USA Standard: UL 60950-1 2nd Ed. + Am1 [2011] + Am2 [2014]

R8000/C004

