

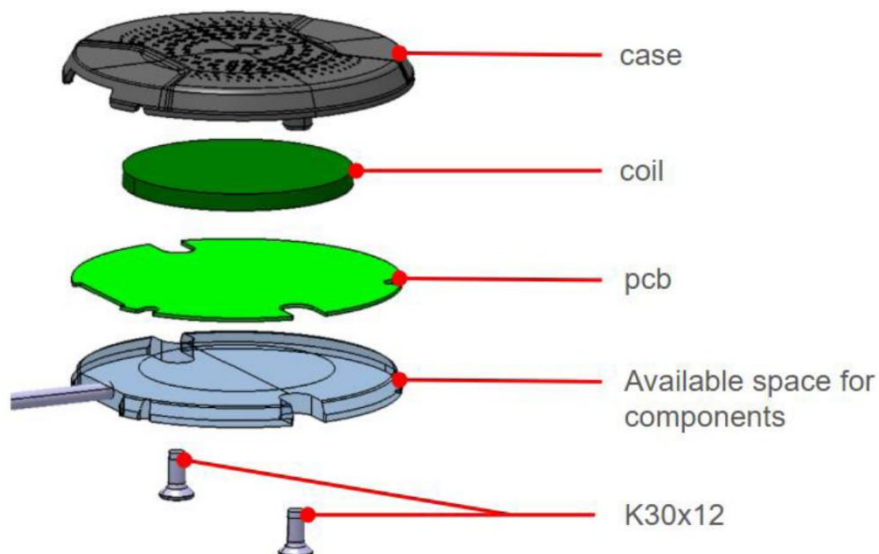
Document Number:	Document Title: Jalapeño Phone Inductive Charger Manual	Revision Level: 1
Original Issue Date: 12-May-2026		Date Effective: N/A
Original Created By: Raymond Li	Revised By:	ECO: N/A

1. Scope:

This document outlines the function of the Phone Inductive Charger. Induction Charger circuitry is to be designed to transfer energy wirelessly, offering users a convenient and cable-free charging experience. By leveraging electromagnetic induction, this chargers eliminate the need for physical connections, providing a user-friendly solution for powering smartphones.



2. Stack Ops of induction charger.

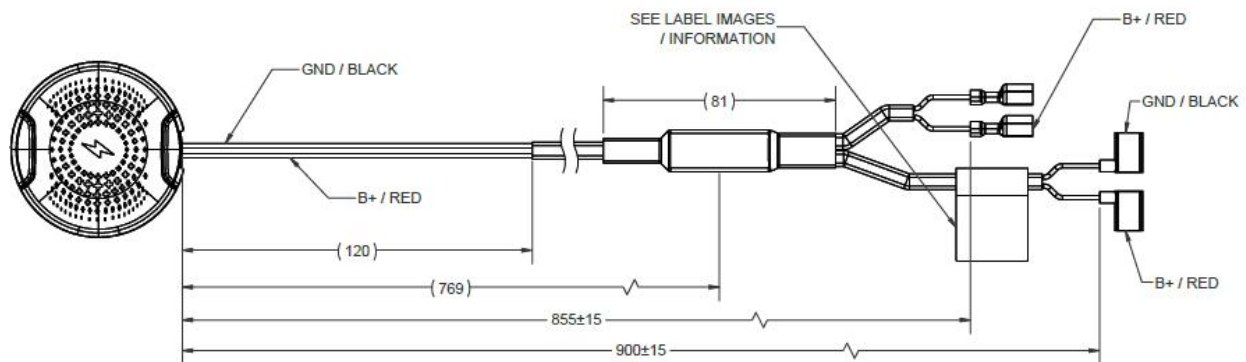


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3. Function & Specification

1. DC operating voltage = 9v ~ 16v
2. DC Rated current = 400mA ~ 500mA
3. Inductive charger Rated power output = 5W
4. High & Low voltage protection: When DC input voltage < 9V or > 16V, system will in protection model, stop work.
5. DC input Reverse connection protection: When DC input +/- reverse connection, system will in protection model. After connection change to right, then function will recovery.
6. This product will be installed on a snowmobile and can be connected to a voltage of 9V to 16V. Just place your mobile phone on the charging panel to start charging.

4. Pin Definition & Wire Definition



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Revision History

Rev	ECO	Description of Revision	Revised By	Date
0	N/A	Document Creation	Raymond Li	12Nov2025
1	N/A	Add EMC filter PCB	RaymondLi	12May2026

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5. Electromagnetic Compatibility:

Canada

- ICES-003 - ICES-003 - Information Technology Equipment (including Digital Apparatus) - **"COULD BE EXEMPTED IF THE PCB HAS CHARGING FONCTION ONLY"** •RSS-216-Wireless Power Transfer Devices • RSS-102 - RSS-102 — Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)

- CEPA SOR/2014-254 Products Containing Mercury Regulations

USA

- 47 CFR Part 15 subpart B & C - **"PART C COULD BE EXEMPTED IF THE PCB HAS CHARGING FONCTION ONLY"**
- RF Exposure evaluation (SAR Evaluation)
- SEC 17 CFR 229 - Dodd-Frank Act. Conflict Minerals
- TSCA (Toxic Substances Control Act of 1976)
- PROP 65 (California)

Europe

- Radio Equipment Directive 2014/53/EU
- RoHS Directive 2011/65/EU
- REACH Regulation 1907/2006/EC
- SCIP Directive 2008/98/EC
- Reg. (EU) 2017/821 Conflict Mineral
- GADSL - Global Automotive Declarable Substance List
ECE R10 Rev.06 for EMC

United Kingdom

- SI 2017/1206 (Radio Equipment Regulation)
- SI 2013/3113 (WEEE Regulation)

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- SI 2020/1577 (REACH chemical regulation)
- SI 2012/3032 – RoHS

Australia & New Zealand

- ACMA certification / Radiocommunication Act 1992 & Telecommunication Act 1997

Japan

- MIC Certification / Japan Radio Law

China

- SRRC Certification / State Radio Regulatory of China
- China RoHS

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to

try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

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- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum of 20cm separation between antenna and body.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

"This equipment complies with IC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body."

« ce matériel est conforme aux limites d'exposition aux rayonnements rf de ic énoncés dans un autre environnement.

ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps. "