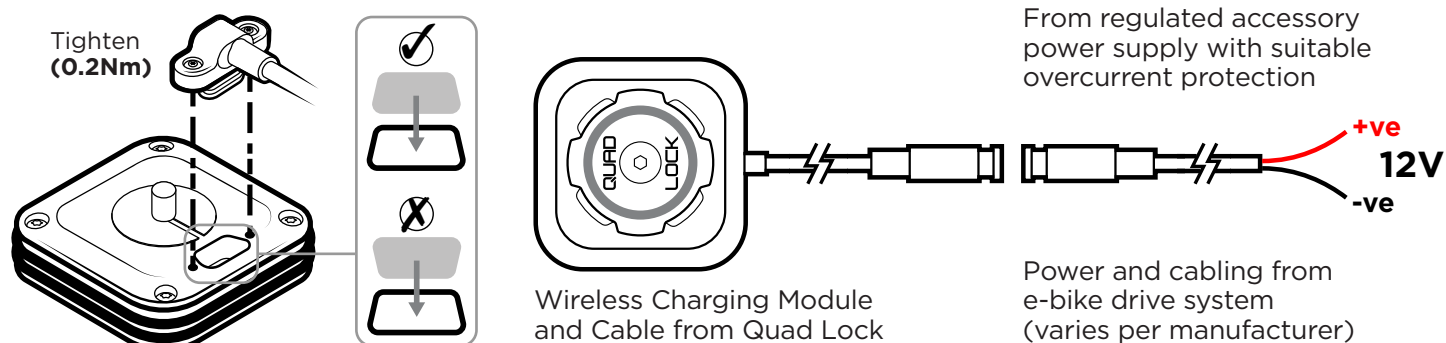
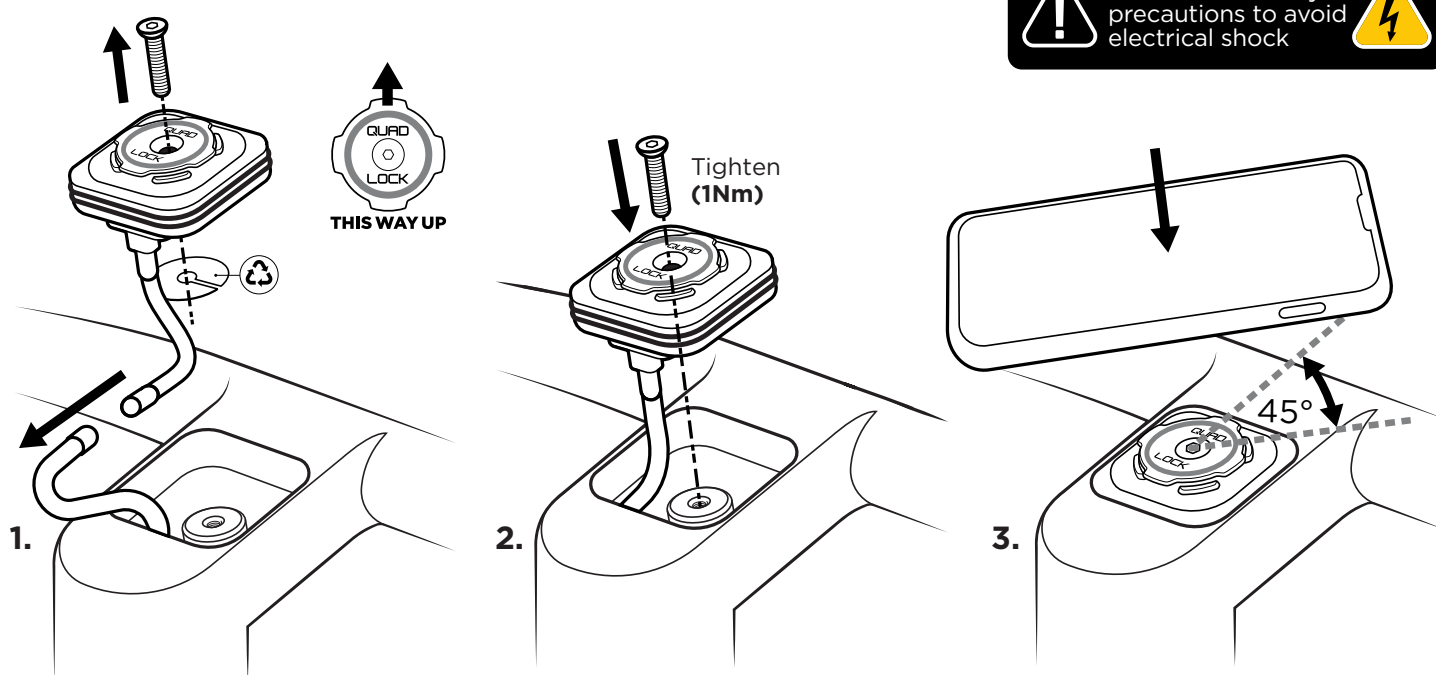


## WIRELESS CHARGING MODULE

### CABLE INSTALLATION

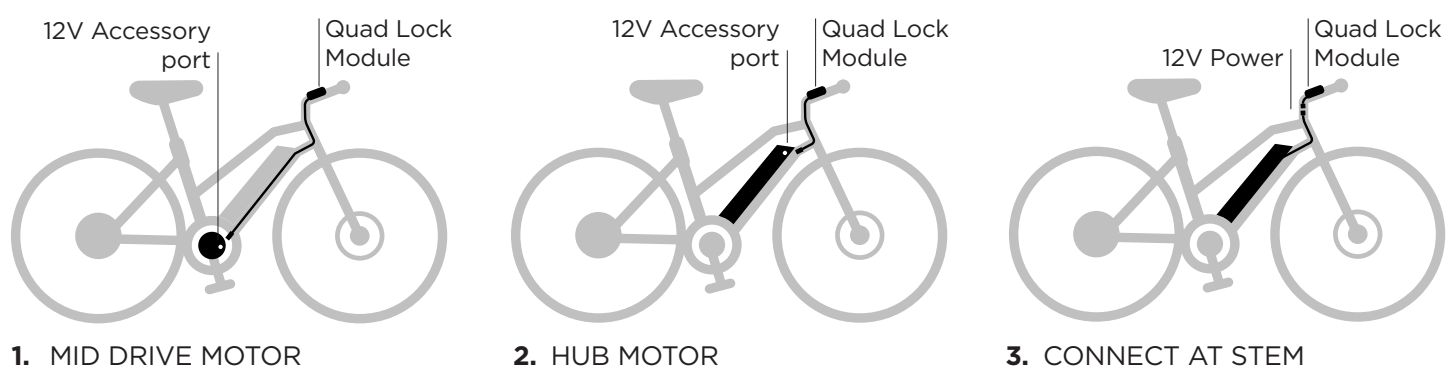


### PUCK INSTALLATION



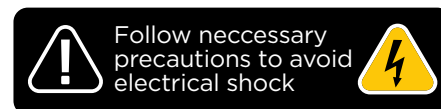
**NOTE:** This product must be professionally installed by an authorised assembly plant or service centre. Any installation by un-authorised parties will void the product warranty.

### EXAMPLE WIRING CONFIGURATIONS






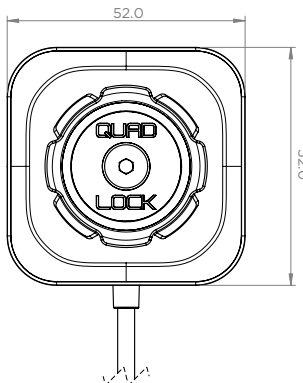
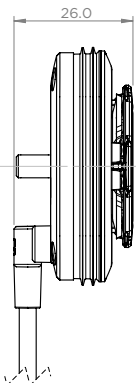
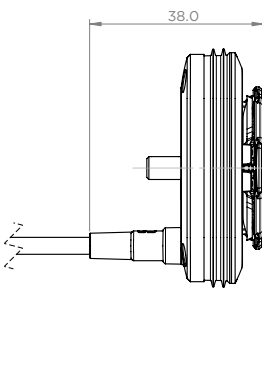


## TROUBLESHOOTING

1. Is the Drive System OK?
  2. Is the Power on?
  3. Is the Battery charged?
- } Check drive system manual and resolve any issues
4. Check 12V power at Connector
  5. Replace Cable
  6. Replace Charging Module



## TECHNICAL SPECIFICATIONS

<b>SKU</b>	QLH-WCH-1800	QLH-WCH-1000
<b>Model</b>	QL-5289	QL-5290
<b>Model Name</b>	OEM Wireless Charger 12V 1.8A Input	OEM Wireless Charger 12V 1.0A Input
<b>Input Voltage</b>	12V DC	12V DC
<b>Input Current</b>	1.8A Max @12V	1.0A Max @12V
<b>Input Connection</b>	2-wire - GND, +12V	2-wire - GND, +12V
<b>Output Power</b>	5W / 7.5W / 10W / 15W	5W / 7.5W
<b>Operating Temperature</b>	-10°C to +40°C at RH ≤ 95%	
<b>Operating frequency</b>	105Khz-205Khz.	
<b>Efficiency</b>	Up to 75%-80% at maximum load (15W output) @ +23°C ambient	
<b>Standby Current</b>	40mA	
<b>Phone Charging</b>	Apple : Up to 7.5W Fast Charging Samsung : Up to 10W Fast Charging Google : Up to 15W Fast Charging Huawei : Up to 15W Fast Charging	Apple : Up to 7.5W Fast Charging Samsung : Up to 7.5W Fast Charging Google : Up to 7.5W Fast Charging Huawei : Up to 7.5W Fast Charging
<b>Electronics Protection</b>	Reverse polarity protection Overvoltage/Undervoltage protection Overcurrent protection Transient spike protection Overtemperature protection - 2-stage Foreign Object Protection (FOD) - detects presence of metal objects in proximity above charger and limits power output from coil to prevent overheating	
<b>Certification</b>	    FCC ID: 2AOU9-QLO IC: 27134-QLO 	
<b>Water resistance</b>	IP67	
<b>Dimensions</b>	   <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <span>Right-Angle Cable</span> <span>Vertical Cable</span> </div>	
<b>Product Weight (kg)</b>	0.080 kg	

## DEVICE COMPATIBILITY

All devices must be using a dedicated Quad Lock Case (Original or MAG) to ensure optimal charging and mounting experience.  
(As at March 2023).

### APPLE

iPhone 14 Pro  
iPhone 14 Pro Max  
iPhone 14  
iPhone 14 Plus  
iPhone 13 Pro  
iPhone 13 Pro Max  
iPhone 13  
iPhone 13 mini  
iPhone SE (3rd Gen)  
iPhone 12 Pro  
iPhone 12 Pro Max  
iPhone 12  
iPhone 12 mini  
iPhone 11 Pro  
iPhone 11 Pro Max  
iPhone 11  
iPhone SE (2nd Gen)  
iPhone XS  
iPhone XS Max  
iPhone XR  
iPhone X  
iPhone 8  
iPhone 8 Plus

### SAMSUNG

Galaxy S23  
Galaxy S23+  
Galaxy S23 Ultra  
Galaxy S22  
Galaxy S22+  
Galaxy S22 Ultra  
Galaxy S21 FE  
Galaxy S21  
Galaxy S21+  
Galaxy S21 Ultra  
Galaxy Note20  
Galaxy Note20 Ultra  
Galaxy S20 FE  
Galaxy S20  
Galaxy S20+  
Galaxy S20 Ultra  
Galaxy Note10  
Galaxy Note10+  
Galaxy Note9  
Galaxy S10  
Galaxy S10+  
Galaxy S10e  
Galaxy S9  
Galaxy S9+  
Galaxy S8  
Galaxy S8+

### GOOGLE

Pixel 7  
Pixel 7 Pro  
Pixel 6  
Pixel 6 Pro  
Pixel 5  
Pixel 4  
Pixel 4XL  
Pixel 3  
Pixel 3 XL

### HUAWEI

Huawei P40 Pro  
Huawei P30 Pro

**WIRELESS CHARGING FUNCTIONALITY IS NOT COMPATIBLE WITH QUAD LOCK UNIVERSAL ADAPTORS**

## CERTIFICATION



Annex products Pty Ltd, Australia, declares that the product "OEM Wireless Charger 12V" is in compliance with RED Directive (2014/53/EU), EMC Directive (2014/30/EU), CE-LVD Directive (2014/35/EU) and EN 50498.

The CE certificate of conformity can be found at:  
[www.quadlock.com.au/compliance](http://www.quadlock.com.au/compliance)



Annex products Pty Ltd, Australia, declares that the product "OEM Wireless Charger 12V" is in compliance with the following Directives: Radio Equipment Regulations 2017, electrical Equipment (Safety) Regulations 2016 and The Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2012.

The certificate of conformity can be found at:  
[www.quadlock.com.au/compliance](http://www.quadlock.com.au/compliance)

## INDUSTRIE CANADA (IC: 27134-QLO)

### IC Caution:

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference,
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### RF exposure statement:

This equipment complies with ISSED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

### IC Caution:

*L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;*
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

### Declaration d'exposition RF:

*Cet équipement est conforme aux limites d'exposition aux rayonnements ISSED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et un corps humain.*



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.
- 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.