

# OPERATING & ASSEMBLY INSTRUCTIONS

## AL3-V Wireless Charger



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### SAFETY

- SAFETY
- The device must not be exposed to severe mechanical shocks
- The device must not be exposed to extreme temperature, direct sunlight or vigorous vibration
- The device may only be used within a dry environment, such as a vehicle.
- Do not install this device on hot vehicle parts
- The wiring harness should be protected by fuses
- Observe the magnitude and polarity of the input voltage when installing, incorrect polarity of the input could damage the circuit
- Isolate the circuit before you connect or remove the device
- Never open the device casing and never repair it. The device must be replaced if it is damaged

### ■ FUSING

**Each wireless charger must be fused individually:  
12/24V input voltage = 2A fuse**

### CONTENTS

#### ■ PACKING CONTENTS

#### AL3-V

- 1 x AL3-V Wireless charger
- 2 x Crimp Connectors
- 1 x Hex key
- 6 x Screws
- 1 x Back plate

### ASSEMBLY

#### ■ FEATURES

- 12V & 24V systems compatible (9-32Vdc)
- Qi charging protocol
- Supplied with FASTON crimp connectors

#### ■ ASSEMBLY

1. Use an 80mm hole to saw to cut hole in work surface—minimum table thickness 19.5mm
2. Crimp cables onto blade terminals, and plug onto unit
3. Place unit and cables through previously cut hole
4. Measure the thickness of work surface and choose correct size screw from the table below:

Screw Size	Table Min	Table Max
M4x20	19.5mm	30mm
M4x30	29mm	40mm
M4x40	39mm	50mm

5. Using a 3mm hex key, lightly tighten the retaining plate to the underside of the work surface to secure the unit (DO NOT OVERTIGHTEN). Ensure the cable is trapped in the correct location
6. Connect to compatible power source (9V-32V, fused at 2A) and ensure blue light is on to check unit is working

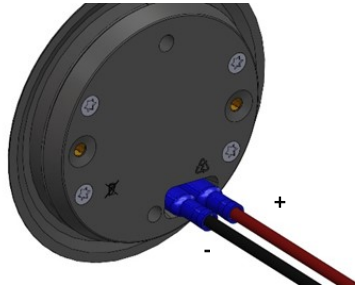
#### ■ OPERATING INSTRUCTIONS

When idle the unit will display a constant blue light. To charge a device, place it centrally on top of the Alfacharge unit. The device will display it is charging and the Alfacharge unit will change from a blue light to flashing green. Once the phone is fully charged, the green flashing LED will change to a constant green.

1.



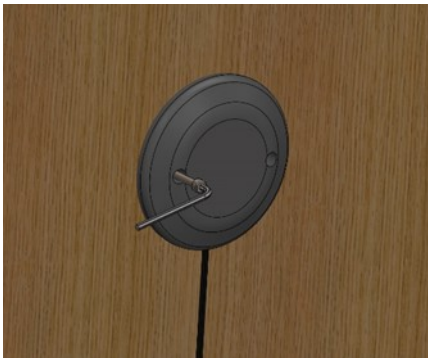
2.



3.



5.



### INFORMATION

#### ■ TECHNICAL DATA

Part Number	Power	Input Voltage	Output Voltage	Dimensions	Weight
AL3-V	5W	9-32Vdc	Qi wireless	Ø97x19/35mm	160g



This device complies with the EU directive 2014/30/EU. The type plate is located on the top of the device.