

# UTS-2 INVISIBLE WIRELESS CHARGER

COMPATIBLE FOR USE WITH



Quick start guide

Setup and Installation on Laminam Surfaces

*Developed & manufactured by:*



KEW LABS

# Quick start guide

## Kew Lab UTS-2 Invisible Wireless Charger – THIN

Kew Labs UTS -2 Invisible wireless chargers are designed to be installed under non-metallic materials to turn any surface into a hidden wireless phone charger.

**UTS-2 Invisible Wireless Charger - Thin (SKU: UTS-2) has been tested and approved for use on Laminam® surfaces.**

### Product Features:

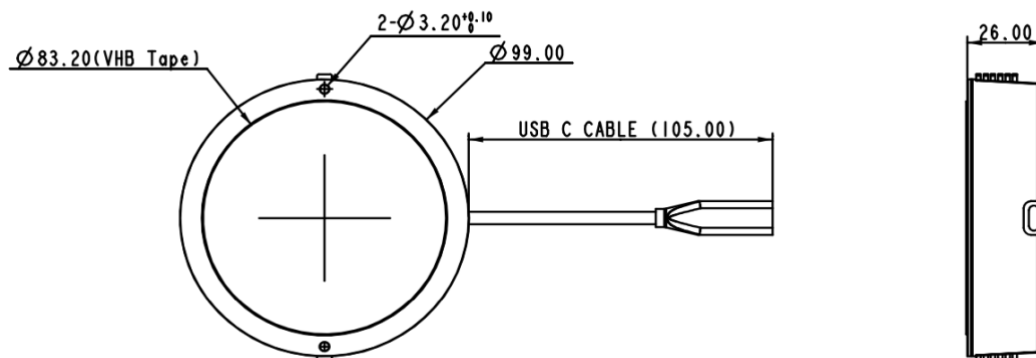
- Hidden phone charging keeps surfaces tidy.
- 8-12mm (0.31"-0.47") long distance charging capability
- Apple® and Samsung® fast charge protocols
- Patented Intelligent Power Communication™ (IPC™) Technology.
- USB-C Power

### Recommended Usage:

- Kitchen countertops
- Kitchen Islands
- Furniture and bar tops

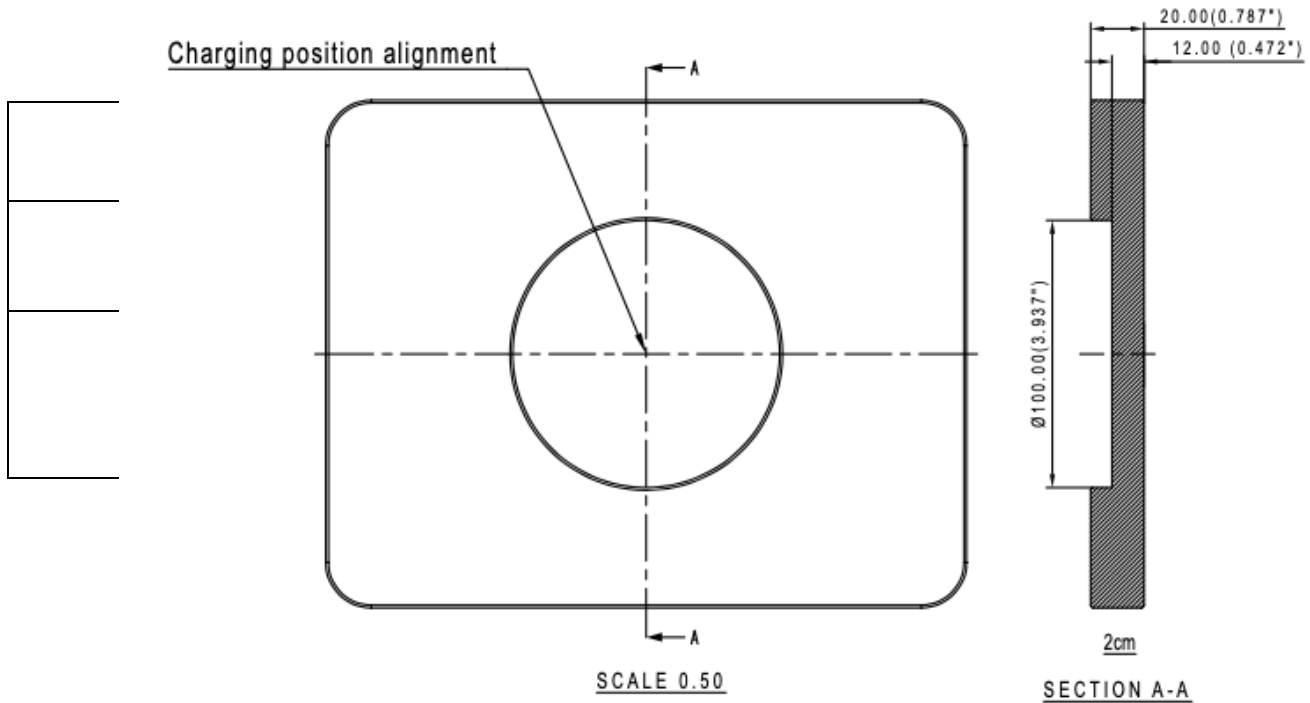
## Installation Thickness Guidelines

Laminam Surface (mm)	Main Application	Compatibility	Routing Requirement	Charger Setting
12+	Countertops & Furniture	Yes	No	H
20+		Yes	Route to 12 mm <sup>1</sup>	H



# Routing Requirements

For surfaces thicker than 12mm, see Laminam's Technical Guide for Fabricators for technical information about routing the 20mm slab.



## 6mm & 12mm Installation



## 20mm Installation (with routing)



# Specifications

Item	UTS-2 Specifications	
Product SKU & Variations	Model Name	Description
	UTS-2-US	w/ US plug
	UTS-2-EU	w/ EU plug
	UTS-2-AUS	w/ AUS plug
	UTS-2-UK	w/ UK plug
	UTS-2-6MM Specifications	
	UTS-2-6MM-US	For 6mm thickness - w/ US plug
	UTS-2-6MM-EU	For 6mm thickness - w/ EU plug
	UTS-2-6MM-AUS	For 6mm thickness - w/ AUS plug
UTS-2-6MM-UK	For 6mm thickness - w/ UK plug	
Input Power	DC 12V/2A	
Output Power	Max 20W	
Standby Power Consumption	0.35W	
Charging	Apple 7.5W, Samsung 10W, Standard 5W Qi wireless charging	
Material Compatibility	All non-metallic surfaces – (stone, wood, plastic, glass etc)	
Devices Compatibility	All Qi wireless charging enabled devices.	
Unit Size / Weight	ø99cm – (3.9”) / 197g (6.95 oz)	
Effective charging distance	Model	Charging Distance
	UTS-2	<b>8mm-12mm (0.31” – 0.47”) – to ensure universal compatibility. Does not work below 8mm.</b>
	UTS-2-6MM	<b>6mm (0.24”) only. Does not work above or below 6mm.</b>
Frequency	123K-185KHz	
Accessory	Multi design charging position sticker, USB-C adapter or 12V/2A, USB-C cable (1.5m 4’11”), cable management clips, screws, double sided tape (pre-fixed), alignment tool.	
Fixing Method	3M double sided tape – screws (provided)	
Safety Certificates	FCC, CE, IC	

# Design Tips and Guidelines

## Design Tips

- **Ventilation Allowances** - Wireless charging naturally produces a small amount of heat in both phone and charger. Do not direct cover UTS-2 vent and leave at least 5cm (2") clearance.
- **Heat Proximity** - UTS-2 should not be located within 20cm (8") of a heat source such as hobs.
- **Cut-outs proximity** - UTS-2 charger and milling must not be located within 15mm (6") of a cut out or another milling.
- **Water Protection** - UTS-2 is not waterproof so should be located with adequate protection or distance from water sources like sinks.
- **High temperatures** - high environmental / room temperature affects wireless charging performance - avoid mobile phones charging in direct sunlight or temperatures exceeding 30c (86f).

## Installation and setup help:

- **Ensure charger is set to correct setting in 'installation thickness table'**
- **Phone placement tip** - Align center of phone with charging indicator.
- **Re-connecting your phone** - It can take 2-3 seconds for a phone to connect once placed on the charger. Do not immediately move the phone if it does not connect when placed down.

### Download full installation instructions and technical drawing:

[www.kewlabstech.com/UTS-2install](http://www.kewlabstech.com/UTS-2install)

### For project, purchasing and installation enquiries:

Please email [info@kewlabstech.com](mailto:info@kewlabstech.com)

### Dealer portal registration:

[www.kewlabstech.com/become-a-dealer](http://www.kewlabstech.com/become-a-dealer)

### For product support and aftercare:

Please email [support@kewlabstech.com](mailto:support@kewlabstech.com)

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#### DISCLAIMERS:

- The equipment UTS-2 Invisible Wireless Charger is developed and manufactured by and any liabilities and warranties related to the equipment is on sole responsibility of the manufacturer.
- Any electrical installation should be done following local codes and regulations. Laminam shaw not be held liable for any damages, losses or injuries associated with the installation and/or use of the UTS-2 Invisible Wireless Charger with LAMINAM Surfaces.
- LAMINAM® is not affiliated in any way with Kew Labs.



K E W L A B S

**Kew Labs**

**2061 Case Parkway South**

**Twinsburg, Ohio, 44087, USA**

[www.kewlabstech.com](http://www.kewlabstech.com)