arc-H LD

The ARC-H LD through surface wireless charger offers the ultimate in charging convenience. Designed for table thickness of 20-50mm*, ARC-H LD can be installed without the need to cut into work surfaces.

OE's patented design uses a secondary resonant coil to focus the energy field and provide maximum efficiency and the fastest possible charging speeds.

Providing up to 15 Watts of charging power, ARC-H LD is great for touch and go charging for a quick battery top up or if you have a little longer even a full charge.

The ARC-H LD resonator pad is available in Basalt Grey or White

*20-30mm to comply with FCC Part 15

*thicknesses 25mm + require OE's electronic alignment tool

USPs

- 15 Watts of charging power
- Supports Samsung 10W and Apple 7.5W fast charge
- No finished surface cutting required
- Surface thicknesses 20-50mm (.78-1.97")
- F.O.D. detection
- LED charging status indicator

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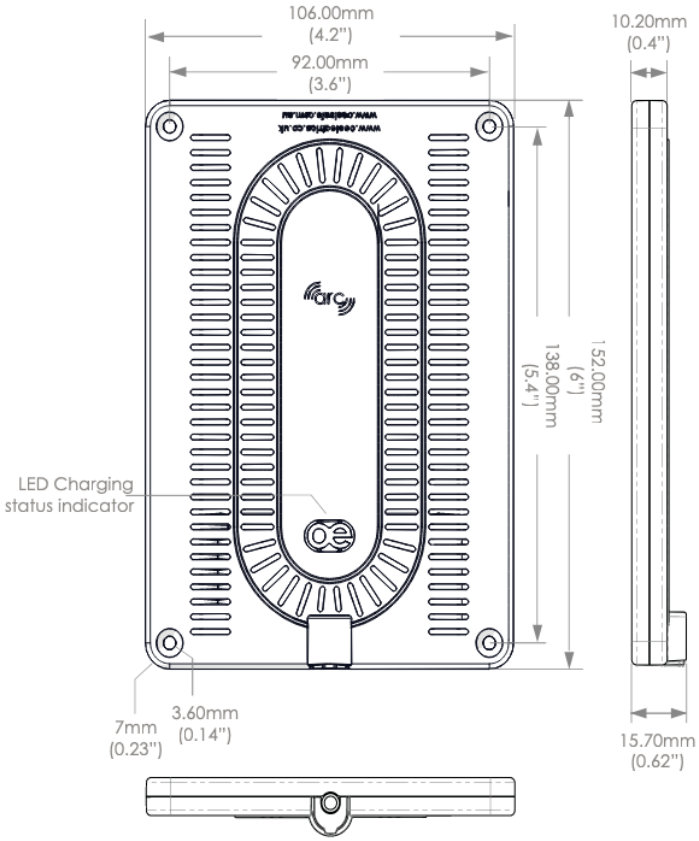
technical

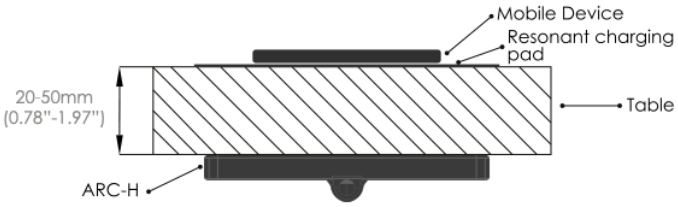
ARC-H Dimensions:



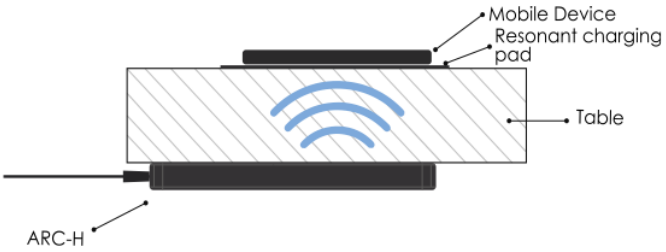
Specifications:

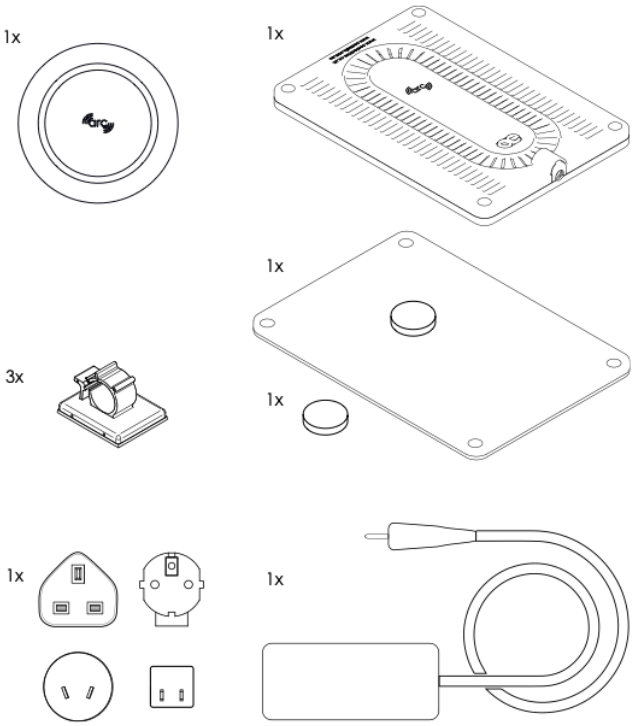
Output power:	Up to 15W
Input power:	19V/0.94A
Standby power:	0.2W
Charging Z-Distance:	20-50mm (.78-1.97") surface thickness
Desk Thickness:	No under desk routing for surfaces up to 20-50mm (.78-1.97"). 30mm> surfaces require under desk routing to comply with FCC requirements.
Certification:	Qi Compatible FCC part 15 (when installed under surfaces 20-30mm (0.78"-1.18") thick) IEC62386-1:2014 +A11:2017 EN50655:2017 ETSI EN 301 489-1 V2.2.0 (2017-03) ETSI EN 301 489-3 V2.1.1 (2017-03) ETSI EN 303 417 V1.1.1 (2017-09)
Colors:	Basalt Grey or White Resonator Pad
In the box:	1 x ARC-H (LD), 1 x Power Adapter with 1.5m (59") lead and NEMA, UK, Euro 2 pin, and Australian/Chinese plugs 1 x Resonator pad, 1 x Alignment Magnet, 1 x Alignment Template, 3 x Cable Clips, 1 x Installation Manual

ARC-H Front View:



ARC-H Side View:





The ARC logo on the underside of the ARC-H & magnet (on the alignment guide) indicate the centre of the chargingcoil. Ensure the unit is mounted aligning the Resonator Pad with the arc logo.

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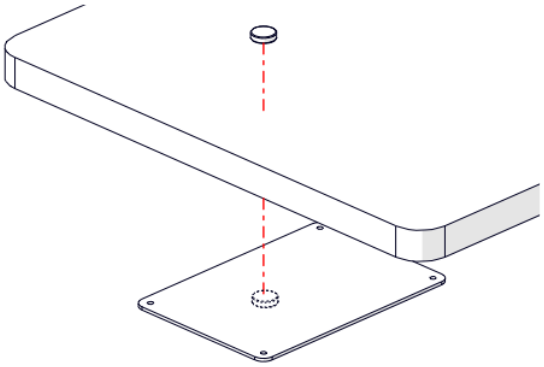
Installation

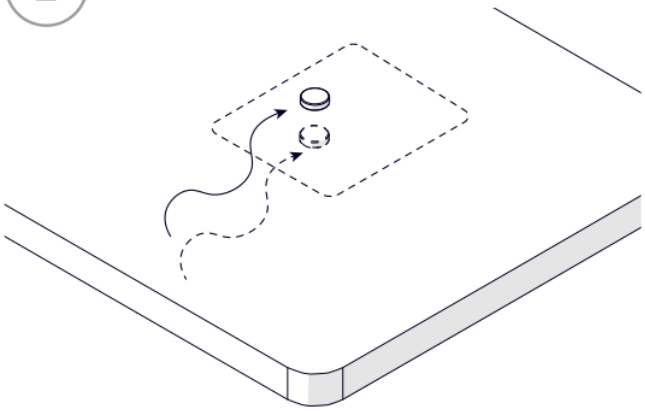
In box magnetic alignment card will work for desks up to 1" (25mm) thick. An electronic alignment guide is separately available (for desks over 1" (25mm) thick)

ARC-H (LD) is designed for surfaces 20-50mm (0.78-2") thick. However, for USA, FCC compliance requires ARC-H to be fitted to worksurfaces 20-30mm (0.78-1.18") only

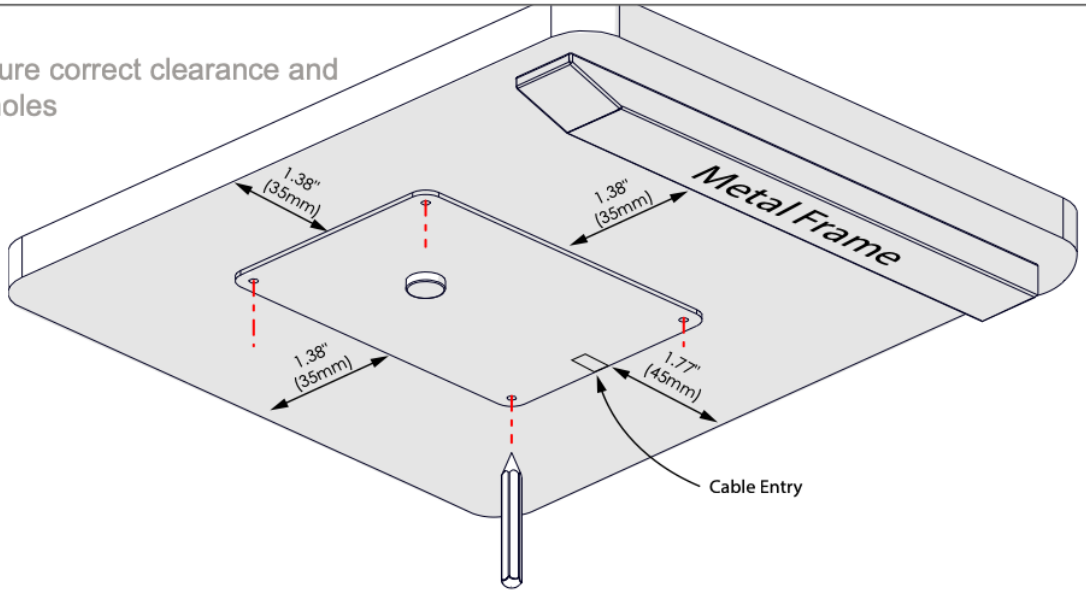
1 Attract magnets (thicknesses up to 25mm / 0.98")



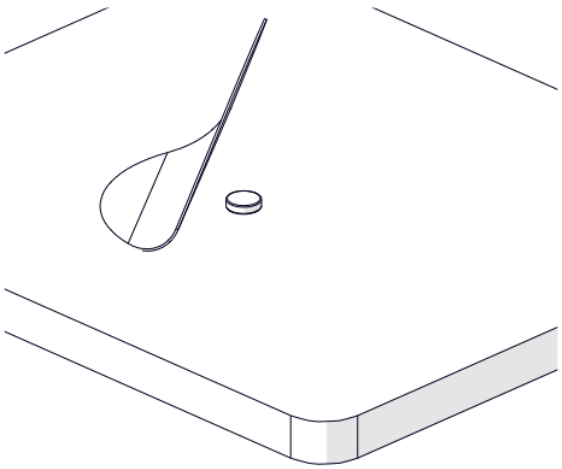
2 Move guide to your desired location



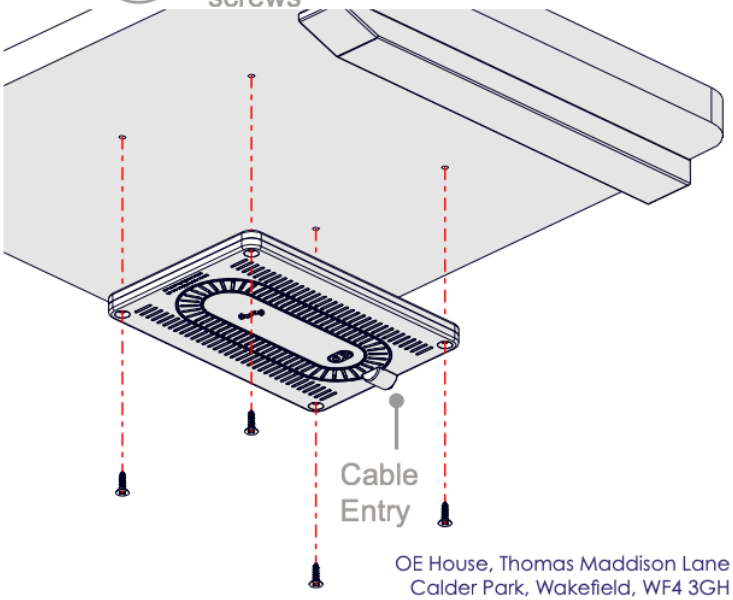
3 Adjust to ensure correct clearance and mark screw holes



4 Place Resonator Pad where magnet indicated



5 Fit ARC-H with tape (provided) or screws



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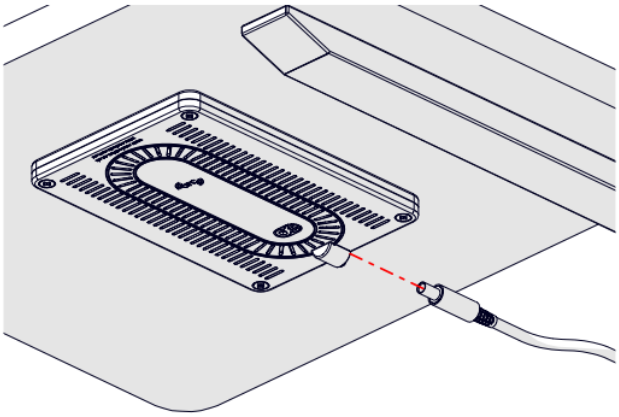
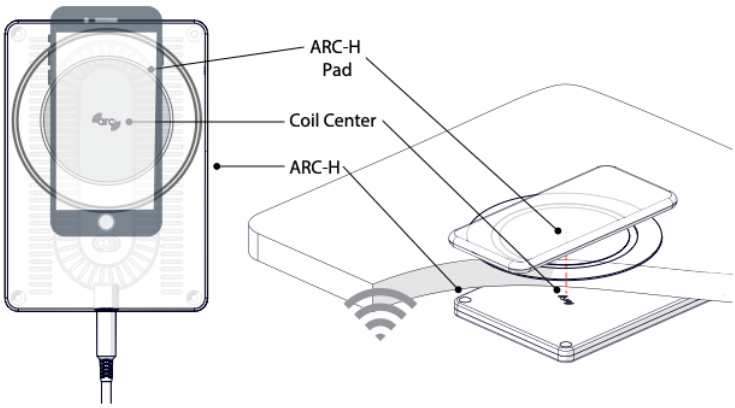
Installation

6 Connect power and check for blue LED

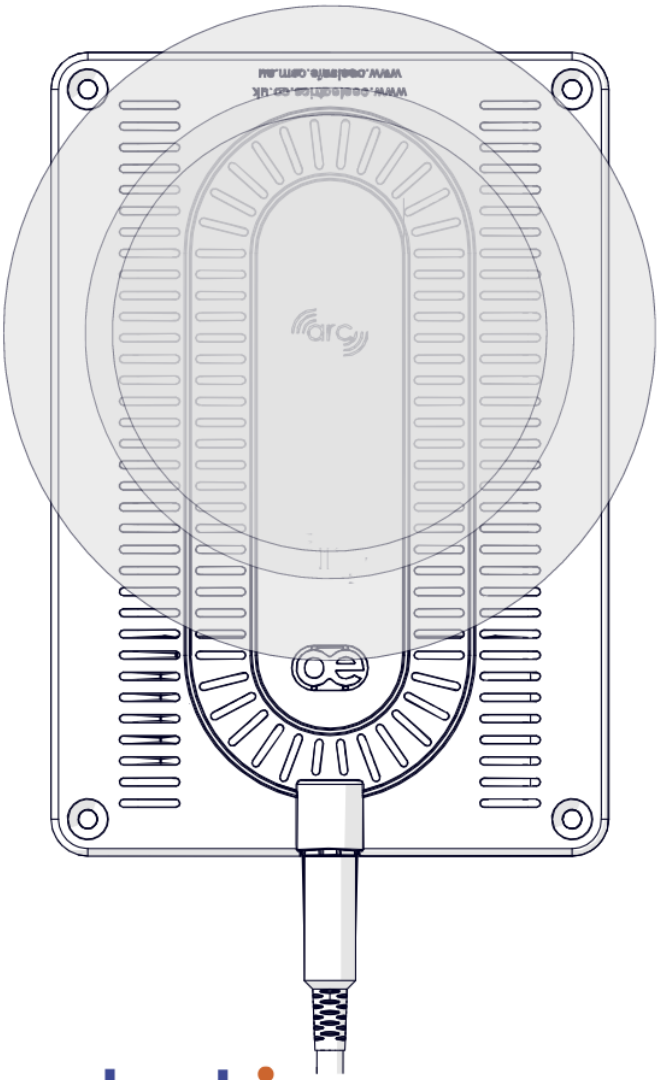


7 Place phone on the Resonator Pad to charge



The ARC logo identifies the coil center which must be aligned with the resonator pad

8 The ARC logo identifies the coil center which must be aligned with the Resonator Pad



9 Common queries / installation problems

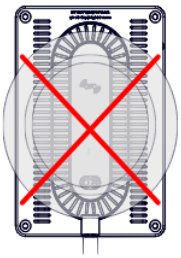
Common queries

The phone will not charge when I place the phone directly on the charger, to check it works before installation?
The charger will not charge a phone unless it is separated (and aligned) from the phone by at least 0.8”(20mm)

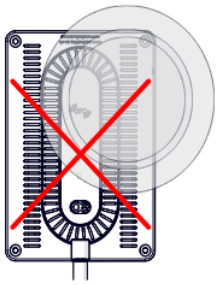
The magnets will not attract each other through my desk?
The magnets only work up to 1”(25mm). Either route the desk underside to <1” (25mm) thick or call to purchase the Electronic Alignment Guide

Common installation errors

Pad fitted over the center of the charger - WILL NOT WORK



The charging coil is Off-Center, the alignment guide must be used to guarantee accuracy



Pad misaligned - WILL NOT WORK
The alignment guide must be used to guarantee accuracy

LED Functions
Slow on/off blue - Device is on and in stand-by mode
Solid blue - Device in on and in charging mode
Red - Error mode
• **Foreign Object Detected** - Remove metal from near charger
• **Phone is too close** - Move phone greater than 15mm away
• **Plug pack issue** - Use only original plug pack
• **NON-compatible device** - Upgrade phone

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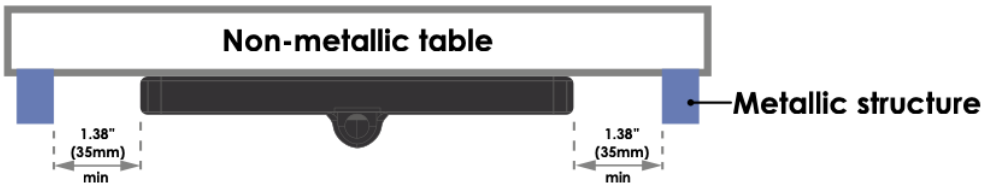

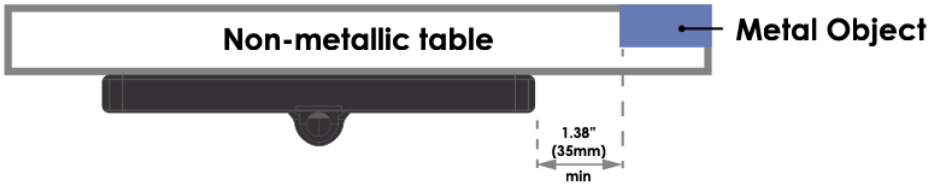

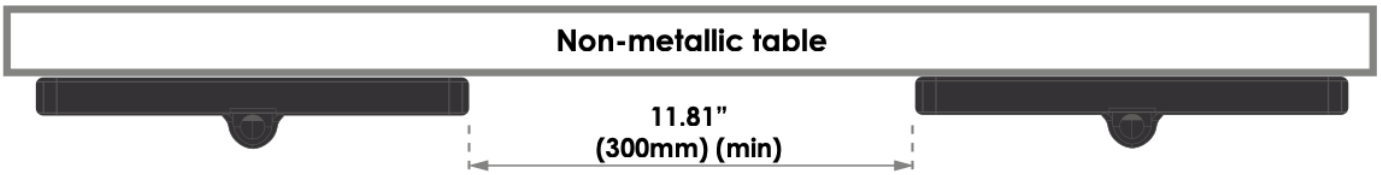

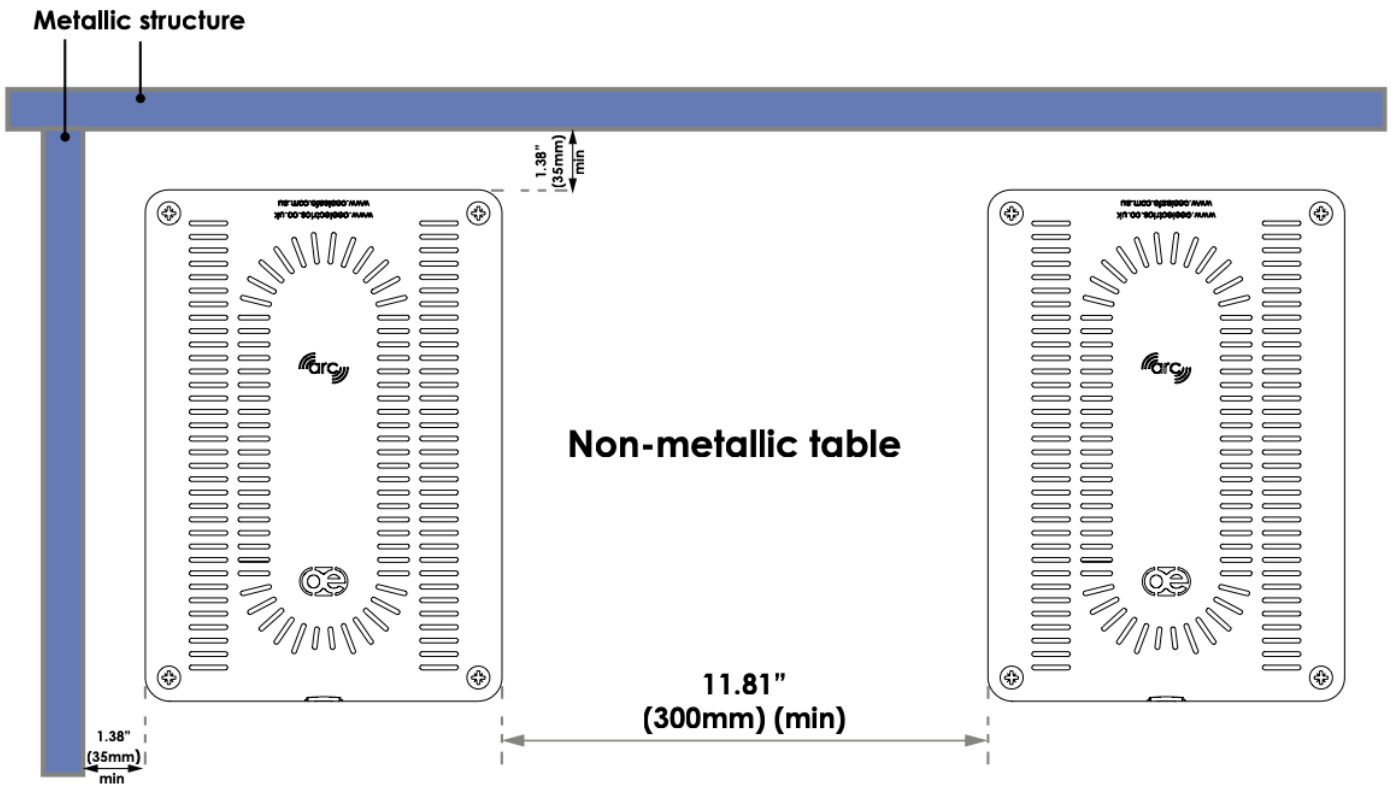

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