

Modular Charging Solution

Maximum charging flexibility for Ascom handsets and/or batteries



Maximise productivity and peace of mind. Ensure your Ascom handsets are always ready for action—with the new Modular Charging Solution that combines a charging rack base with five slots for different charger modules. It's never been easier or faster to simultaneously charge multiple devices and their batteries.

Your workplace. Your needs. Your charging solution

Each workplace has its specific needs when it comes to charging their handsets and/or batteries. Some staff members might have their own designated handset. In which case they need to always have a charged battery ready to hand. Or maybe your staff just grab a charged device at the start of their shift—a scenario that calls for you to always have charged handsets ready to use. Whatever the case, the Ascom Modular Charging Solution means staff *always* have easy access to charged handsets and batteries.

Flexible charging options for various handset models

The solution consists of a rack base—which can be desk- or wall-mounted—with slots for up to five swappable charger modules. The modules come in three variants:

- Different modules for charging handsets—the solution charges one Ascom Myco 4 smartphone, or two Ascom d43/ d63/i63 or two d83 feature phones

- Modules for simultaneously charging four batteries, available for Myco batteries, d63/i63 batteries, and d83 batteries
- A module for charging one Ascom Myco 4 smartphone and one spare battery

The charger base is supplied with an IEC 60320 C14 power inlet. To power the charging rack, use a standard power cable with a C13 plug (the common computer power cable). For Europe, an example is part number 660329.

A charger module can also be powered individually with a USB-C power supply. Use 660736 USB-C power supply and 660737 USB-C cable to use the the charger module as a desktop charger. This gives the users full flexibility—from charging a single phone on their desk to filling a wall with rack chargers to store and charge both batteries and phones for a complete organization—to fit all needs.

Built for demanding workplaces

Designed for for real-world use, the unit passes IEC 60068-2-31 drop testing, surviving six drops from 0.9 meters (one on each side). For safe use in hygiene-critical environments, the solution supports frequent cleaning with 85% ethanol (up to 5 times daily) and periodic disinfection with 0.5 mg/ml chlorhexidine (up to once per week).



CTB-U02



CTB-U03



CTH-U05



CTH-U06



Modular Charger Rack

Technical Specifications

Product numbers

CB1-U1	Charging rack base
CTH-U01	Charger module for one Ascom Myco 4 smartphone
CTH-U02	Charger module for one Ascom Myco 4 smartphone and one Ascom Myco 4 smartphone battery
CTH-U05	Charger module for Ascom d43, Ascom d63, and Ascom i63 handsets
CTH-U06	Charger module for Ascom d83 handsets
CTB-U01	Charger module for four Ascom Myco 4 smartphone batteries
CTB-U02	Charger module for Ascom d63 and Ascom i63 batteries
CTB-U03	Charger module for Ascom d83 batteries*

*It is NOT allowed to charge Ex classified batteries using this product. Do NOT charge Ex classified batteries separately from the handset.

Physical

Base dimensions (l x w x h):	450 x 155 x 95 mm (17.7 x 6.1 x 3.74 in)
Module dimensions (l x w):	137 x 90 mm (5.4 x 3.54 in)
Material:	Polycarbonate (PC), aluminium
Colour Charger base:	White top and light grey bottom
Colour Charger module:	White

Functional

Supply voltage:	100-240 V AC 50/60 Hz 2.1 A (charging rack base) 5 V DC (charger module)
Charge current (charger module):	1.0 A at a room temperature of + 20 °C (68 °F) 710 mA below room temperature of + 17 °C (62.6 °F)
USB-C interface (charger base):	Short-circuit proof USB-C 3.0 A connections for full charger module performance
USB-C interface (charger module):	Up to 3.0 A compliant power supply for full performance (recommended for use) Up to 1.5 A compliant power supply for limited performance Note: Charger modules will not power up if used with a < 1.5 A compliant power supply

Note:

Charging time is measured at the 3.0 A compliant power supply (recommended for use).

1.5 A compliant power supply gives reduced performance and prolonged charging time.

Charging time is measured from 0% to 100% battery capacity.

Charging time:

- Handset in CTH-U01 is approx. 4.5 hours
- Handset with one extra battery in CTH-U02 is approx. 4.5 hours
- Four batteries in CTB-U01 is approx. 5.5 hours (depends on how many batteries are inserted)
- For more details on the charging time, refer to Modular Charging Rack, Installation Guide, TD 93630EN

Specifications are subject to change without notice

Recommended Cables

Art.No.: 660339	AC cord 0.35 m with C13 connector and EU plug
Art.No.: 660736	18 W power supply
Art.No.: 660737	USB-C cable

Note:

The items are not delivered with the product and must be ordered separately.


Environmental

Operating temperature:	+5° to +40 °C (41°F to 104°F)
Storage temperature:	-25° to +70 °C (-13°F to 158°F)
Enclosure protection:	IP4X according to IEC EN 60529
Immunity to ESD:	8 kV contact discharge and 15 kV air discharge (EN 61000-4-2)
Disinfection:	Up to five times a day with 85% ethanol Once a week with 0.5 mg/ml chlorhexidine
Free fall test:	Procedure 1: one drop on each side, in total six drops from 0.9 m (IEC 60068-2-31)

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Compliance with regulations and standards


Compliance with European regulations and standards

Product marking:	
EU directives and regulations:	Directive 2014/30/EU (EMC) Directive 2014/35/EU (LVD) Directive 2015/863 (RoHS3) amending 2011/65/EU
Safety:	EN 62368-1
EMC:	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3

Compliance with US and Canadian regulations and standards

Product marking:	
Safety:	UL 62368-1 CSA 62368-1
EMC:	FCC CFR 47 Part 15B ICES-003

Compliance with Australian and New Zealand regulations and standards

Product marking:	
Safety:	AUS/NZ 62368-1 AS/NZS 3112
EMC:	EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3

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About Ascom

Our vision is a world where the right information moves people forward. Our mission is to put the right information in the right hands at the right time so that people can make the best possible decisions. We are a global provider of communication and collaboration solutions for the acute care, long-term care and enterprise sectors. Our solutions are based on intelligent integrations with software and hardware that are open source and compatible with third party solutions. Every single second, our systems generate large amounts of data, which we then turn into useful and actionable information. This helps us to bring data to life for people in the toughest operational environments, ensuring smooth, complete, and efficient workflows.

Ascom is headquartered in Baar (Switzerland), has operating businesses in 19 countries and employs around 1,400 people worldwide. Ascom registered shares (ASCN) are listed on the SIX Swiss Exchange in Zurich.