

USB CHARGING TECHNOLOGY SOLUTIONS

PRODUCT FAMILY BROCHURE



USB CHARGING EXPLAINED

USB Type-A (USB-A)

USB-A is the most recognisable and commonly used connector, it is flat and rectangular in shape. USB-A charging ports are capable of charging Apple and Android smartphones up to 12W and 18W respectively. This USB type is unsuitable for laptop charging.



USB Type-C (USB-C)

USB-C is a new smaller outlet design and features a reversible port for simpler connectivity. Charging capability now permits up to 100W, enabling USB-C port laptops to charge without adaptor power packs. The latest generation Apple and Android smartphones can also harness the power of USB-C, accepting up to 30W and 45W respectively.



USB Power Delivery (USB-PD)

USB-PD has emerged as the leading fast charging standard for USB-C equipped chargers and devices, it ensures the fastest charging whilst maintaining absolute device safety. All CMS USB-C chargers feature the latest PD3.0 standard.



CMS CHARGING SOLUTIONS

As a leading manufacturer of power solutions, CMS design and produce a wide range of USB charging solutions to suit every facet of the modern commercial environment. Our charging technology comes in two forms defined by the way they are incorporated into CMS products; Modular and Integrated.

Modular

CMS Modular USB chargers offer the flexibility to incorporate USB-C and A charging ports into a range of above, recessed and below desk solutions together with other services like power, data and AV. This is achieved through our CMS softwired backbones.



Integrated

Integrated products feature built-in USB charging ports in a compact form factor making them a versatile option to be incorporated into a wide range of application areas. All CMS USB-C chargers feature the latest PD3.0 standard.



Modular USB Charging Modules

Designed to be incorporated into CMS power rails, and in-desk boxes, our Inline USB-C and A charging modules offer unrivalled customisability for any application.

1. Inline USB-A/A 30W Charger

- Delivers up to 30W charging across 2x USB-A ports.
- Suitable for smartphones.

2. Inline USB-A/C 30W Charger

- Delivers up to 30W USB PD charging via USB-C port.
- Optimised charging for USB-C enabled Apple and Android smartphones.
- Additional USB-A port to support standard charging.

3. Inline 30W USB-C/C Charger

- Powerful 30W USB PD charging via USB-C Port.

4. Inline 65W USB-A/C Charger

- Powerful 65W USB PD charging via USB- A/C Port.
- Additional 1x USB-A charging ports.
- Suitable for most USB-C laptops.

5. Inline 65W USB-C/C Charger

- Powerful 65W USB PD charging via USB- C/C Port.
- Additional 1x USB-C charging ports.
- Suitable for most USB-C laptops.

6. Inline 100W Module

- Powerful 100W USB-PD fast-charge via USB-C.
- Capable of delivering optimum charging to most laptops and smart phones simultaneously.
- Easy under-desk mounting with integration into CMS softwiring.

Integrated USB charging products can be provided with varying USB output from 30W to 65W and 100W USB AC charging capabilities

USB CHARGING APPLICATIONS

Above & Below Desk Power Rails

- Available in front facing and multi-directional designs to suit personal and shared workspaces.
- Cut-to-length extrusion enable custom configurations to be specified.
- Easily positioned and installed via desk clamps or screw fixing.



Recessed Modules

- Recessed design for seamless integration into flat or wall surfaces including soft seating.
- Cut-to-length extrusion enables custom configurations to be specified with CMS power, charging and data modules.
- Products to suit personal and shared workspaces.



In-Desk Solutions

- Designed with personal and conferencing workspaces in mind.
- In-desk boxes conceal power and charging services beneath the surface as well as hides cable-clutter.
- Range of standard and custom lid options to suit different surface finishes.





The Fastest Charging Solutions for Enterprise

100W USB-C PD Fast-Charging

USB-C PD fast-charging technology has revolutionised today's modern smart phones and laptops allowing powerful yet safe delivery of up to 65W in smartphones and beyond 100W in laptops via a single cable from charging port to device, without the requirement of a power-outlet or AC charger pack.

CMS remains at the forefront of innovation, with a diverse range of USB charging options for the workplace. Our latest 100W USB-C PD solution offers a concealed power supply, opening a whole new dimension of profiles and accessibility to offer discreet yet powerful charging for devices in all sorts of applications areas within the workplace.



Compatible With

Above Surface



Athena Rails



Nova & Viva Rails



Zeus Rails

Recessed / In-Surface



Blinky



KonexUS



Echo Series

Below surface



100W USB-C Under-Desk Module



Accede



Executive

Soft Seating

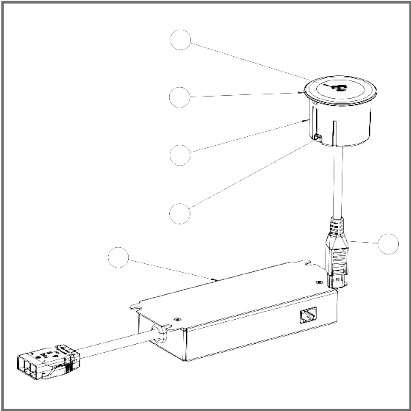


100W USB-C Clip-in Bezel

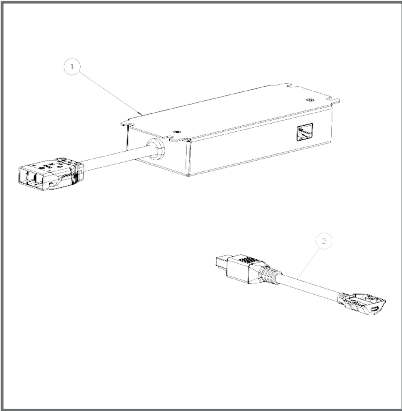


Echo Series

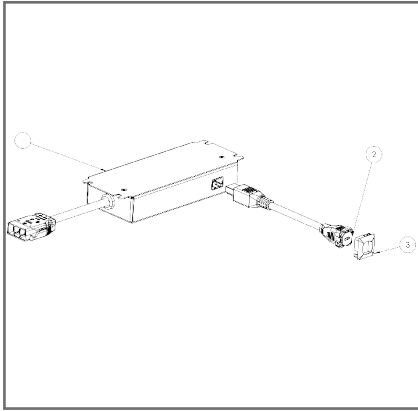
Assembly Options



USB AC



Desk Mount Lead



Bezel Lead

Application Settings



Workstations



Meeting Rooms



Collaborative Spaces



Soft Seating



General Areas



Quiet Spaces

Personal Workstations

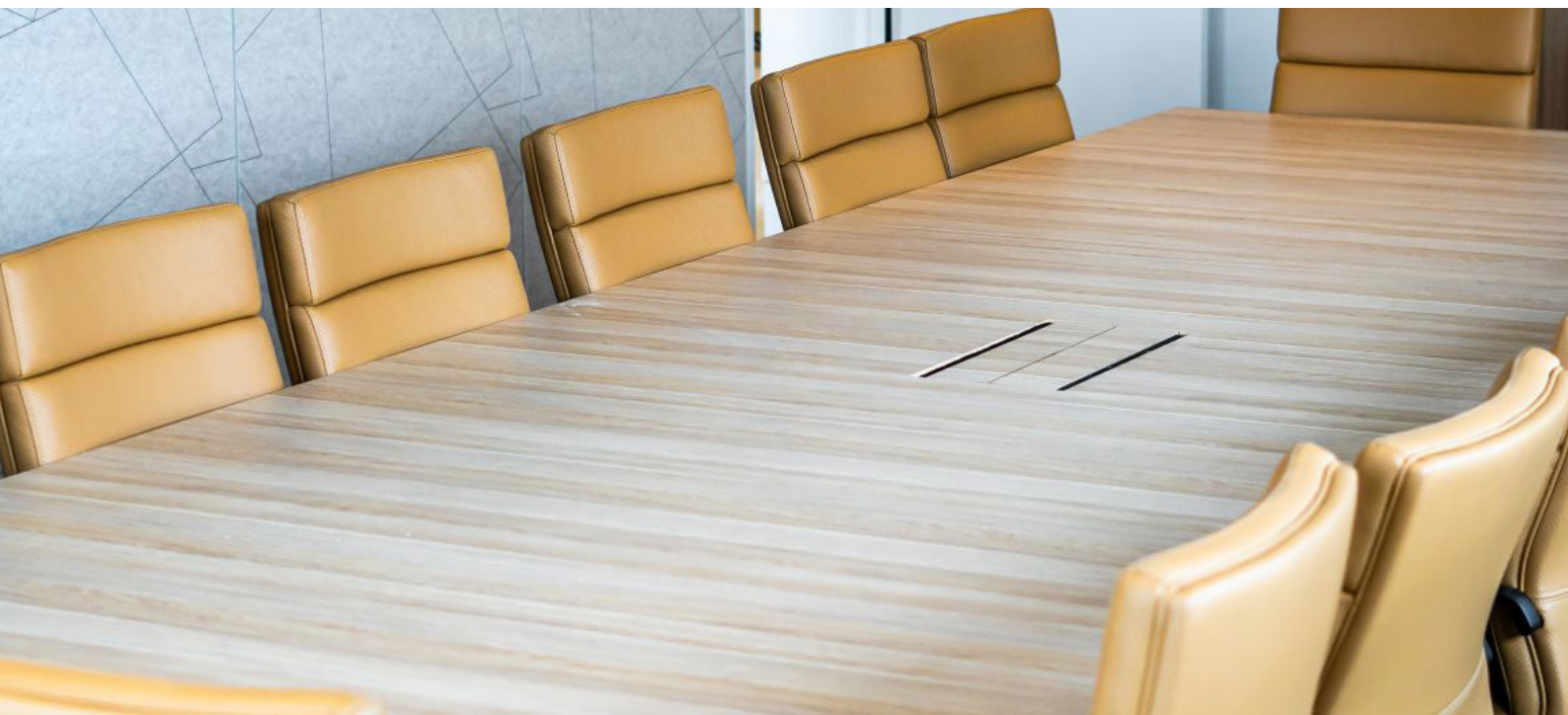
Individual workspaces have evolved over the years, long gone are the days with multiple power-points above the desk, with more interior designers seeking more subtle technology integration. With the dawn of USB and Wireless Charging delivering smaller visible foot-prints above the desk, you can be assured your smartphones and laptops are charging at their safe and optimal rate with integrated CMS USB-C fast chargers.

Collaborative & Shared Spaces

Collaboration is the lifeblood of creativity, with furniture designers constantly innovating unique designs to create inviting environments, fuel these group sessions with the latest charging technology to ensure battery levels keep up with your creativity.

Conferencing Rooms

Whether its hosting external delegations, department meetings or video conferences with international clients, charging technology is absolutely crucial to deliver optimal operation of devices during streaming, presenting and minute taking. Designed to keep up with team members and guests during day-long conferences or seminars, opt for CMS 100W USB-C Fast Charging with concealed and discrete profiles to keep a clean finish on your conference table.



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