

INLINE USB-CC 30W

Intergrated USB Charging Module





INLINE USB-CC 30W

Integrated USB Charging Module

CMS is consistently developing and updating its charging solutions to provide the very latest integrated charging technology within the workplace.

The Inline 30W CC offers 2 USB-C ports, uniquely, both ports are equally capable of delivering up to 30W of PD charging when used separately, and produces 15W each when used together, making it the ideal charging companion for the latest USB-C equipped smartphones, tablets and some laptops.

Features & Benefits


- » Inline 30W CC integrates into CMS above desk rails and personal and conferencing in-desk modules.
- » Both C ports are capable of delivering full 30W PD output when used separately.
- » Indicator lights to indicate PD fast-charging and standard charging

Configuration Example



SW18UC3**

Finishes Available

 White (WT/WT **/**)

 Black (BK/BK **/**)

Standard Configurations

SW18UC3**

SW18 Series Inline USB C-C 30W Module with PD Intelligent Charging

Notes:

- » An L3D Splitter is required with this solution as there is no 'OUTPUT' on the USB end when engaged to a CMS GPO
- » ** Denotes colour White (WT) or Black (BK)
- » USB power supply is only suitable for information technology equipment.

Product Specifications

Input	100-240V AC; 50-60Hz; 0.9Amps Max
Maximum total output	30W (single output), 33W (both output)
USB outlets	2 x Type-C
Standby power	<0.3W
In-rush current	10Amps Max
Over voltage protection	21-24V
Overcurrent protection	C1 port or C2 port is used: 2.64 – 3.6A(5V), 3.3 – 4.5A(9V), 2.2 – 3A(15V), 1.65 – 2.25A(20V) Both ports are used simultaneously: 2.64 – 3.6A(5V), 1.84 – 2.5A(9V), 1.1 – 1.5A(15V), 0.83 – 1.13A(20V)
Short circuit protection	USB will shut down if short circuit detected and will recover once short circuit removed.
Over power protection	33-45W
Operating temperature range	0-35°C
Compliance	BS EN IEC 625385-1:2020+A11: 2020 EN 55032:2015, CISPR 32: 2015, EN 55035:2017, CISPR 35:2016 EN IEC 61000-3-2:2019, EN 61000-3-3:2013/A1:2019, IEC 61000-3-3:2013/A1:2019
Load combinations	When only one port is used: C1 or C2: PD-5V2.4A, 9V3A, 15V2A, 20V1.5A (30W) QC-5V/3A, 9V/2A, 12V/1.5A (18W) When both ports are used simultaneously: C1: PD-5V2.4A, 9V1.66A, 15V1A, 20V0.75A (15W) QC-5V3A, 9V2A, 12V1.5A (18W) C2: PD-5V2.4A, 9V1.66A, 15V1A, 20V0.75A (15W) Normal-5V2.4A
Reset button	Reset MCU chipset to let the firmware recover to normal working
Protocols supported	PD3.0/2.0, QC3.0/2.0, AFC, FCP, Apple2.4A, BC1.2
LED indicator	Normal 5V : Green Quick charging : Blue No device connected : Off