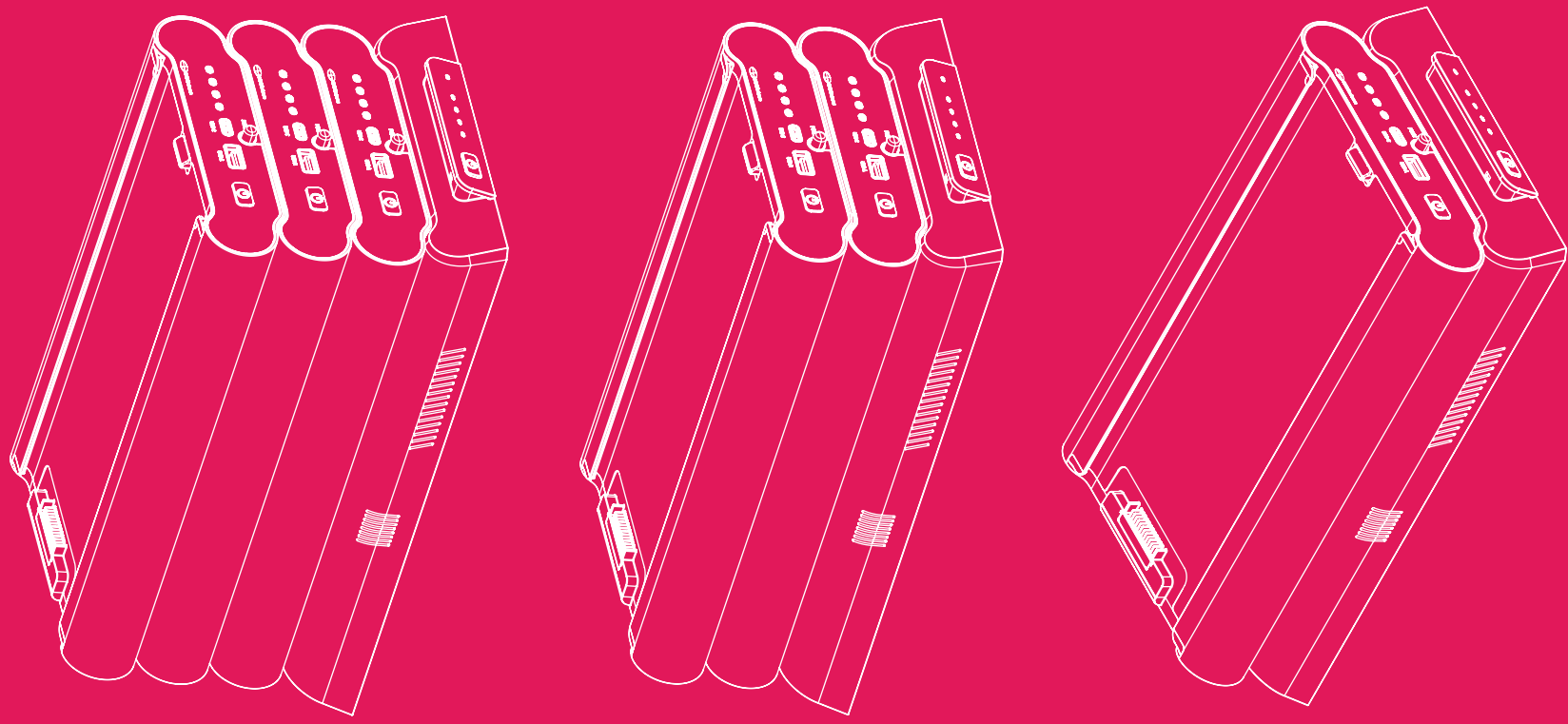
Powering Flexible Spaces



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Design the Space You Want

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POWERING FLEXIBLE SPACES

Freedom FR210 Series

Taking Portable Power to the Next Level

FR210 allows you to design flexible furniture to meet the demands for the future of work. It provides the solution to enable the supply of power anywhere, anytime, without the limitations of needing to core a floor and be tethered to electrical cables in floor boxes or grommets.

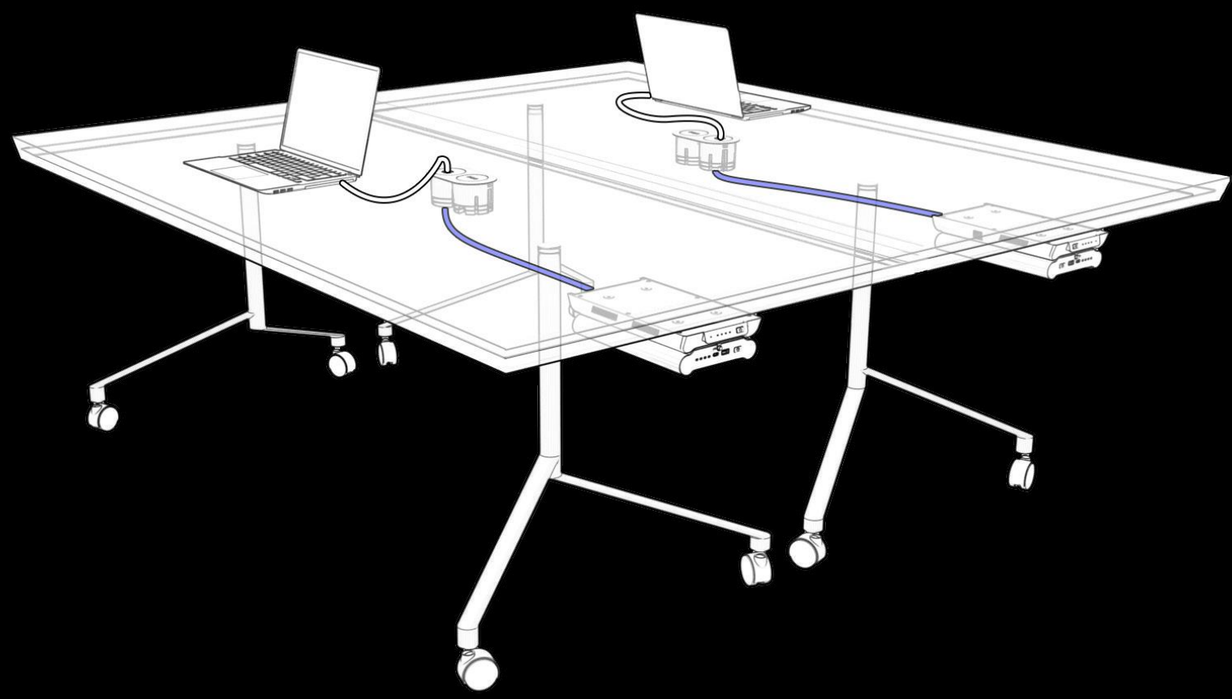
Whether you need power supply to training tables and desks on wheels to lounges, loose furniture and portable AV, FR210 provides the solutions to suit the demands of the future of work…Now!

Flip/Training Tables

POWERING FLEXIBLE SPACES

Multifunction Areas or Training Rooms require moveable flip tables that can be designed with maximum flexibility. The FR210 enables the added benefit of supplying portable power to these tables without the worry of running cables to power sockets or floor boxes which in turn helps you design the flexible furniture you've always wanted.

The Ability to Design any Flexible Space



Portable AV Stands

Create completely flexible and portable AV stands with our FR210 Flexible Power Solution. There is no need to find power to plug into, just clip in a battery pack and use your AV stand in any room.

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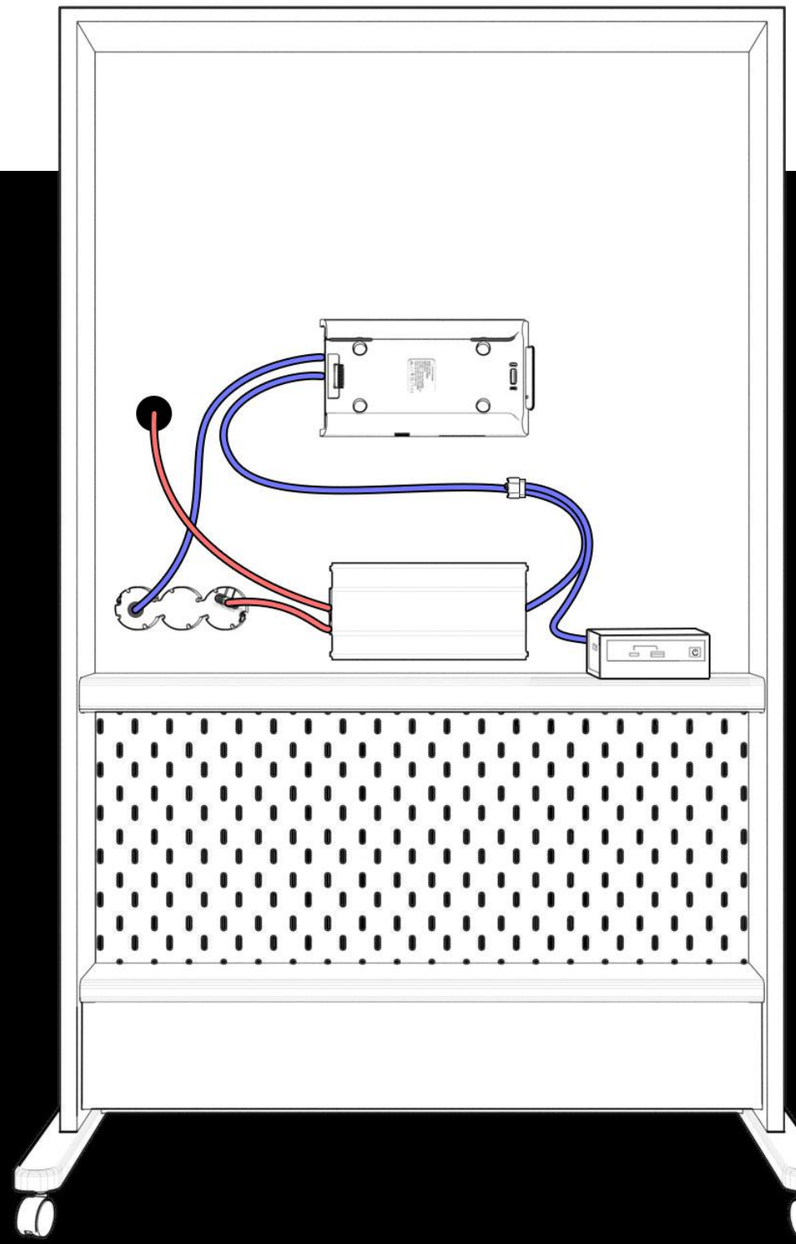
POWERING FLEXIBLE SPACES

Enable AV to Move with You



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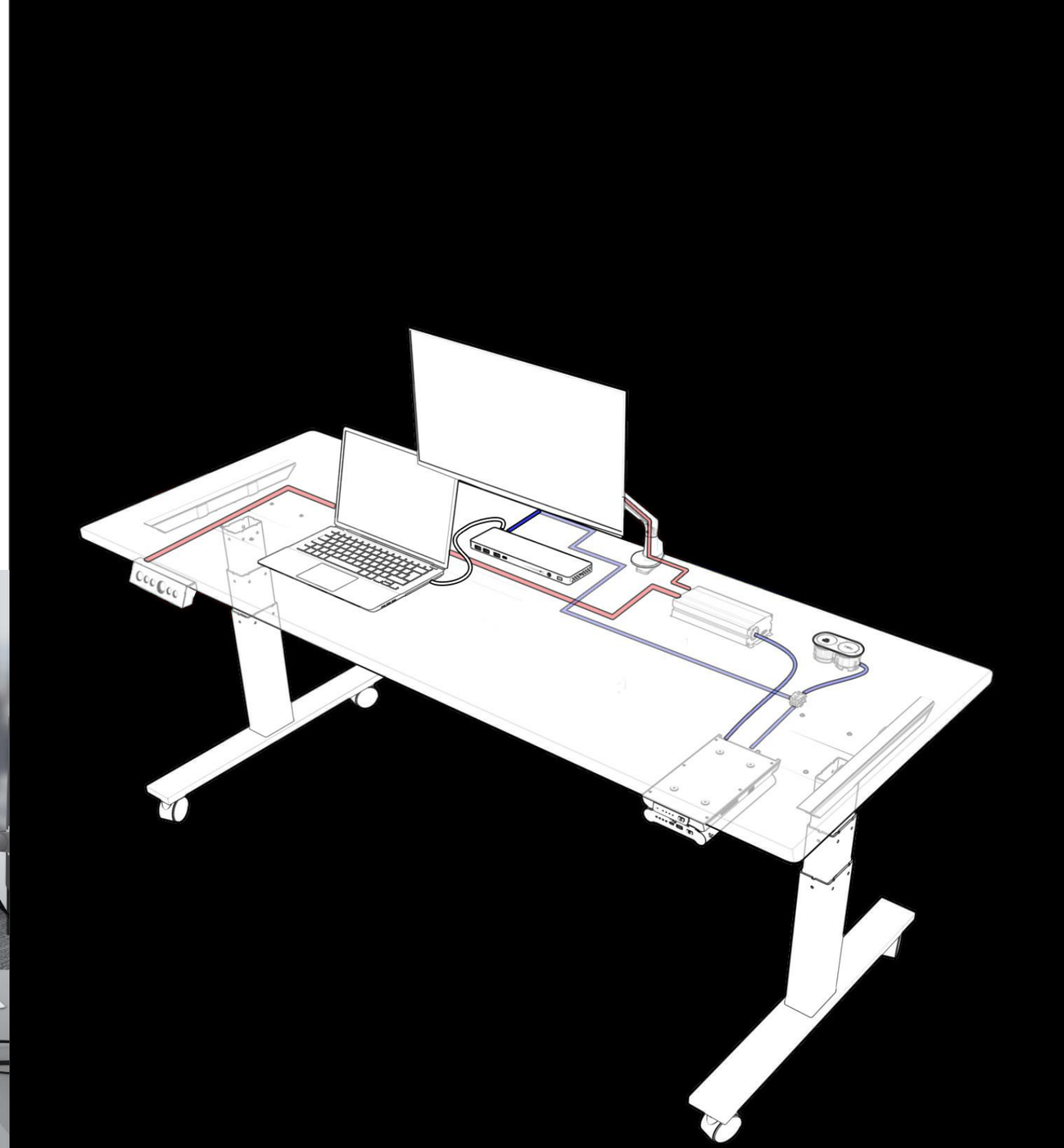
POWERING FLEXIBLE SPACES

Build Your Agile Work Area

The FR210 Portable Series is the way of the future for flexible spaces with Power Complete Workstations. It provides the capability for fast charging of laptops and mobile devices to powering height-adjustable desks with monitors. Rather than having leads run from ceiling to workstations, the FR210 enables a cable-free environment.



Workstations

Provide Freedom to Work in Any Collaboration Area

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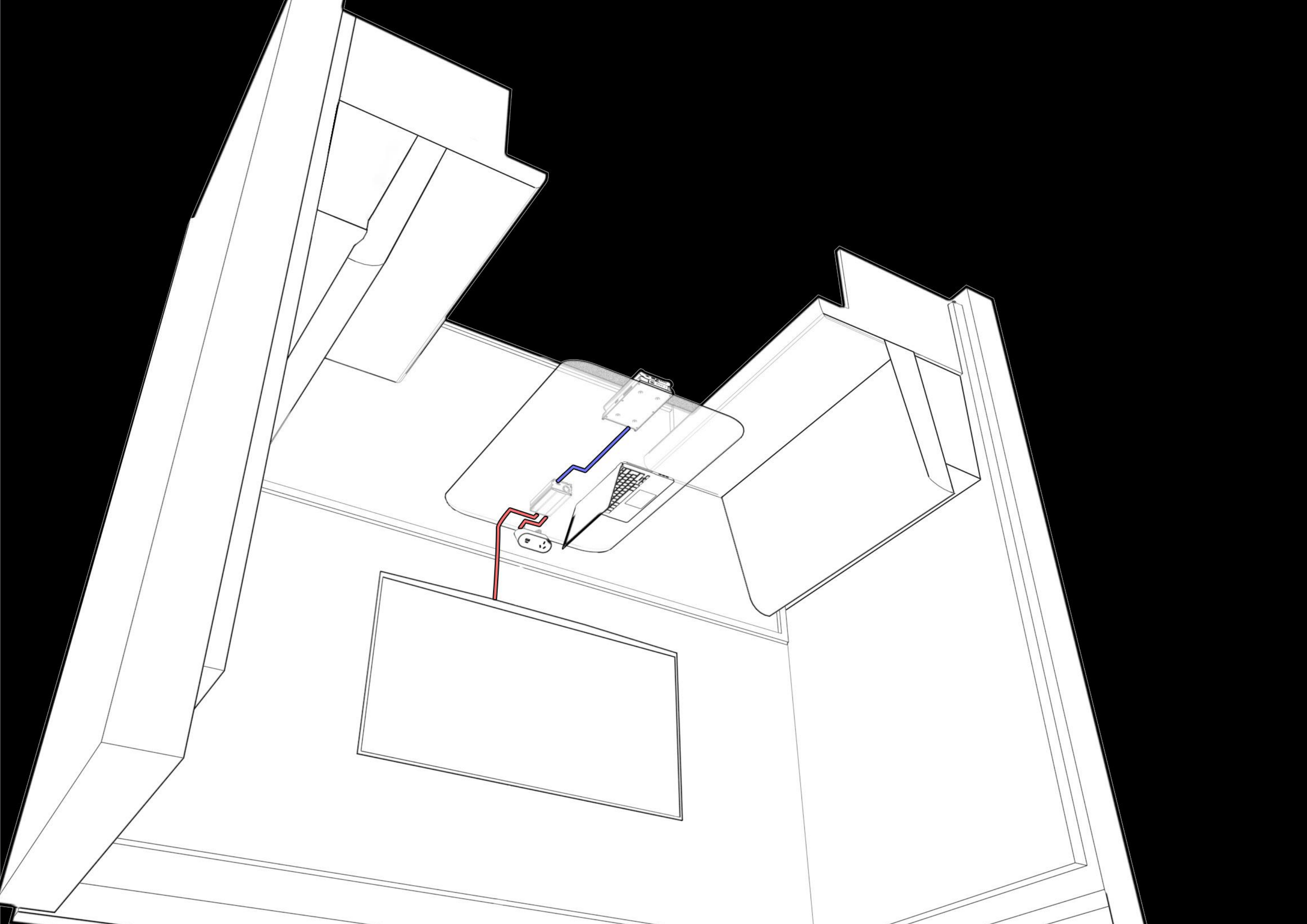
The FR210 Series brings portable power to collaboration spaces. Powered by battery packs and family of in-and-on desk accessories, it allows you to design the space you want without the limitation of plugging into a floorbox.



Collaboration

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REGIONAL OFFICES

Australia	1300 159 159
New Zealand	+64 (09) 582 0776
Singapore	+65 9006 0767
Malaysia	+60 162 077 106
United Kingdom	+44 (0) 7531 162 631
United States	+1 214 238 8296

SALES & TECHNICAL SUPPORT

Sales: sales@cmselectra.com

Estimating: estimating@cmselectra.com

Connect with us

www.cmselectra.com

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FREEDOM FR210 SERIES

Powering Flexible Spaces

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FREEDOM FR210 SERIES

Powering Flexible Spaces

The CMS Freedom FR210 is taking portable power to the next level. With most modern workplaces incorporating movable desks and collaboration areas, it is important that power can still be easily supplied to these areas. The FR210 enables power to be provided anywhere without the limitation of needing to core a floor and be tethered to electrical cables in floor boxes or grommets. From training tables and desks on wheels to lounges, loose furniture and portable AV, FR210 provides the solutions to suit the demands of the future of work.

It is capable of streaming up to 24V DC and/or 100W USB-C PD so if you're looking for a high-capacity high-output portable power solution, without the need to plug cables into walls, then look no further than the Freedom FR210 Series.

FR210CS - Charging Station

FR210DS - Docking Station

FR210PB - Power Bank

Colours Available

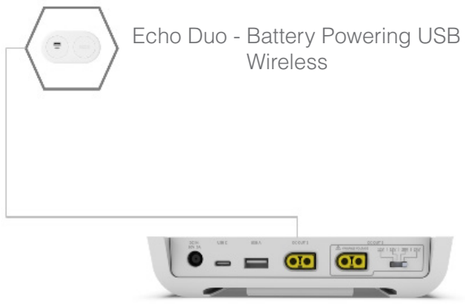
Black White

Key features

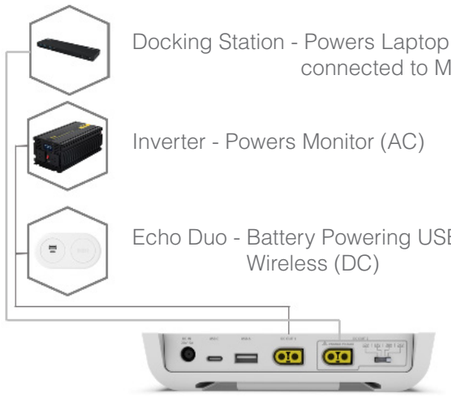
- Delivery of power via DC, USB C and USB A outputs
- Stackable Power Units capable of providing up to 630Wh (3x power banks) of power
- Fast and Easy Mounting of Docking Station
- Battery Life Indicator Light

Application Environments

Training/Flip Table



Workstation



Mobile Media Stand

Products Compatible (Without Inverter)

Using DC Output

The FR210 Power Bank provides DC Power and once connected to the Docking Station, it provides the ability for certain products to be powered using the 2x DC Output's located at the back of the docking station rather than needing an inverter to convert the power to AC. Specifc XT60 leads can be provided to be connected from the Docking Station to one or more products listed below.

Echo Wireless Charger

Echo USB A/C Charger

Echo USB A/C + Wireless

THD 100 Docking Station

XT60 Plug to XT60 Socket

XT60 Y Splitter

XT60 Plug to DC Jack

Example of Product Connections *(Using Multiple Products Together)*

DC Out 2	12V	Echo Series Wireless, A/C, A/C + Wireless	CMS Inverter		
	18V				
	20V			THD-100	
	24V				
DC Out 1	17-25.5V				

Products Compatible (With Inverter)

Converting DC to AC Power

As the FR210 Power Bank is designed to provide DC Power, a CMS inverter is required when you need to connect to a GPO. Once you add an inverter into the FR210 connection process, the possiblities of products within our CMS range is expanded greatly from a wireless product to a power rail or in-desk unit.

View some of these products below:

CMS Inverter

Nova & Viva Power Rail

Athena Power Rail

Zeus Power Rail

Echo Module

KonexUS Module

Blinky Module

Executive Box

GPO's

Neo Box

Product Details

FR210 Battery & Charger

FR210PBP**	1x 118W USB-A/C PD Power Bank (Push Button Release)
FR210PBK**	1x 118W USB-A/C PD Power Bank (Key Release)
FR210DS**	1x Docking Station With Multiple Outputs
FR210CS**	1x Charging Station + 150W Power Supply With 10A 3-Pin Plug

FR210 DC Leads

FRLA10BK	XT60 Plug to XT60 Socket, 1000mm – Black
FRLB10BK	XT60 Plug to 5.5 x 2.5 DC Jack Plug, 1000mm – Black
FRLC10BK	XT60 Plug to 3.5 x 1.3 DC Jack Plug, 1000mm – Black
FRLD10BK	XT60 Plug to 7.5 x 5 DC Jack Plug, 1000mm – Black
FRSYBK	XT60 Y Splitter (1 in 2 out) – Black

DC Echo Series

FRECUAC**	Echo USB A/C 140W Charging, 1000mm Black XT60 Lead to XT60 Socket
FRECW**	Echo Wireless Fast-Charge Module (15W), 1000mm Black XT60 Lead to XT60 Socket
FREDA1U**	Echo Duo - 1x GPO, USB A/C PD Fast Charge Module (140W Shared), 500mm TAG Lead for GPO, 1000mm Black XT60 to XT60 Socket
FREDUW**	Echo Duo - 1x USB A/C PD Fast Charge Module (140W Shared), Wireless Fast-charge (15W), 1000mm Black XT60 Lead to XT60 Socket
FRETUWU**	Echo Trio - 2x USB A/C Fast Charge Module (140W Shared), Wireless Fast-charge Module (15W), 1000mm Black XT60 Lead to XT60 Socket
FRETA1UW**	Echo Trio - 1x GPO, USB A/C PD Fast Charge Module (140W Shared), Wireless Fast-Charge Module (15W), 1000mm Black XT60 Lead to XT60 Socket

Notes:

- ** Denotes Colour: Black (BK), White (WT)

Freedom Batteries are for use with IT/AV Equipment Only

Product Specifications

Power Bank (FR210 PBP /FR210 PB4)

Capacity	9,540mAh (206wh)
Charging Output	**USB-C Port** PD 100W (5V3A,9V3A,12V3A,15V3A,20V5A,) or QC3.0/2.0 18W (5V/3A,9V/2A,12V/1.5A) **USB-A Port** QC3.0/2.0 18W (5V/3A,9V/2A,12V/1.5A)
Charging Total	Total 118W (PD100W and QC18W)
Protection	Over-Charge Over-Discharge Over-Current Over-Temperature Short Circuit
Charging Input Methods	USB-C Port When Factory Enabled/(Disabled By Default): PD 60W Max (5V,9V,12V,15V,20V) Charging Station Docking Station
Indicators	4pcs x LEDs White Colour
Size	L=251.8 W=151.4 H=38.1
Weight	1.54 kg
Compliance	IEC62133 & IEC62368 UL2056 CE-EMC (EN 55032, EN 55035) RoHS UN38.3 USB-IF(PD)

Docking Station (FR210PS)

Input	7.4x5.0 DC Jack (To Recharge Units While Docked) 20v/5A
Output Ports	USB-C output : PD 100W (5V3A,9V3A,12V3A,15V3A,20V5A,) or QC3.0/2.0 18W (5V/3A,9V/2A,12V/1.5A). USB-A output : QC3.0/2.0 18W (5V/3A,9V/2A,12V/1.5A). DC OUT1 (XT60) : 18-25.2V(Battery voltage output directly) ,16-18A. DC OUT2 (XT60) : 12V/18V/20V/24V,11A. Max combined output 150W - 1 docked, 350W - 2+ units docked
Docking Capability	Up to 3x FR210 Power Banks (630Wh)
Capacity Indicators	4x White LEDs To Indicate The Battery Level Of The Docked Power Banks.
Size	L= 275.9 W=152.2 H31.6
Weight	0.94 kg
Compliance	RCM (AS/NZS CISPR32) CE-EMC (EN 55032, EN 55035)

Charging Station (FR210CS)

Input	7.4x5.0 DC jack : 20V7.5A
Max Power Banks	Up To Max 5x Power Banks.
LED Indicator	Always On When Power Available.
Charging Time	Charging Station – 5 Docked (DC Input Power 150W) : 9-10 hours Charging Station – 3 Docked (DC Input Power 150W) : 6-7 hours Charging Station – 1 Docked (DC Input Power 150W) : 2-3 hours
Size	L= 326.4 W=199.3 H=99
Weight	1.88 kg
Compliance	RCM (AS/NZD CISPR32) CE-EMS (EN 55032, EN 55035)

Lithium Battery Disclaimer: Please click here for our Freedom Lithium Ion Battery Disclaimer.

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