

FREEDOM FR210 SERIES

Powering Flexible Spaces



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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. When used with our Echo Series, it has the ability to provide up to 140W of Power Output through its USB A/C ports.



FR210CS - Charging Station



FR210DS - Docking Station



FR210PB - Power Bank

Colors 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




 Echo Duo - Battery Powering USB A/C




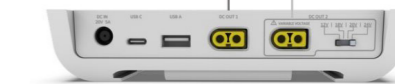
Workstation



 Docking Station - Powers Laptop and connected to Monitor (DC)

 Inverter - Powers Monitor/Power Module (AC)


 Echo Duo - Battery Powering USB A/C & Inverter linked to Power Module



Mobile Media Stand



 TV / Webcam

 Inverter - Powering TV & Echo Power Modules

 Echo Trio - Battery Powering USB A/C (DC)



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. Specific XT60 leads can be provided to be connected from the Docking Station to one or more products listed below.



Echo A/C USB Charger



Echo 2x USB A/C Charger



XT60 Plug to XT60 Socket



XT60 Y Splitter



XT60 Plug to DC Jack

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 possibilities 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



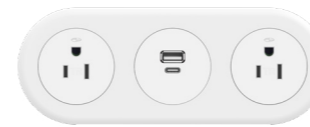
Nova & Viva Power Rail



Athena Power Rail



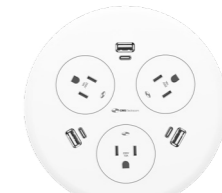
Zeus Power Rail



Echo Module



KonexUS Module



Blinky Module

Product Details

FR210 Battery & Charger

1FR210BP**	FR210 Power Bank - Push Button Release
1FR210PBK**	FR210 Power Bank - Key Release
1FR210DS**	FR210 Docking Station
1FR210CS**	FR210 Charging Station
1FR210KIT**	"FR210 Kit - includes 5x Portable Batteries (Push Button Release), 1x Docking Station, 1x Charging Station"
1FR210I	Inverter

FR210 DC Leads

FRLA10BK	XT60 Plug to XT60 Socket, 40" – Black
FRLB10BK	XT60 Plug to 5.5 x 2.5 DC Jack Plug, 40" – Black
FRLC10BK	XT60 Plug to 3.5 x 1.3 DC Jack Plug, 40" – Black
FRLD10BK	XT60 Plug to 7.5 x 5 DC Jack Plug, 40" – Black
FRSYBK	XT60 Y Splitter (1 in 2 Out) – Black

DC Echo Series

FRECUAC**	Echo USB A/C 140W Charging, 40" Black XT60 Lead to XT60 Socket
FREDA1U**	Echo Duo - 1x Power Module, USB A/C PD Fast Charge Module (140W Shared), 20" Lead for Power Module to Inverter, 40" Black XT60 to XT60 Socket

NOTE:

- **Denotes end cap color: BK (Black) or WT (White)

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=9.91" W=54.96" H=1.5"
Weight	3.40 Pounds
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= 10.83" W=5.99 H=1.25"
Weight	2.07 Pounds
Compliance	RCM (AS/NZS CISPR32) CE-EMC (EN 55032, EN 55035)

Charging Station (FR210CS)

Adopter 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= 12.85" W=7.85" H=3.90"
Weight	4.14 Pounds
Compliance	RCM (AS/NZD CISPR32) CE-EMS (EN 55032, EN 55035)
Lead Length	a.c cord - 51", d.c cord - 59"