

FREEDOM FR210 SERIES

Powering Flexible Spaces



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.

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



FR210PBPH - Power Bank with Handle

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 618Wh (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 & Wireless



Workstation



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

 Inverter - Powers Monitor (AC)

 Echo Duo - Battery Powering USB A/C & Wireless (DC)



Mobile Media Stand



 TV / Webcam

 Inverter - Powering TV & Echo GPO's (AC)

 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 Wireless Charger



Echo USB A/C Charger



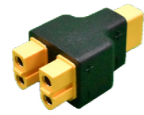
Echo USB A/C + Wireless



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

If you are wanted to power up a standard GPO, an inverter is required to convert the FR210 DC Output to AC output. Once an inverter is integrated into the FR210 setup, the range of compatible CMS products greatly expands—from power rails and in-desk units to unlocking a wide variety of versatile power options including powering sit-to-stand desks.

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

	FR210PBPH**	FR210 Power Bank with Handle - Push Button Release
	FR210PBKH**	FR210 Power Bank with Handle - 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
	FREDA1U5**	Echo Duo - 1x GPO, USB C/C PD Fast Charge Module (140W Shared), 500mm TAG Lead, 1000mm Black XT60 to XT60 Socket
	FREDU5W**	Echo Duo - 1x USB C/C PD Fast Charge Module (140W Shared), Wireless Fast-charge (15W), 1000mm Black XT60 Lead to XT60 Socket
	FREDU5U5**	Echo Duo - 2x USB C/C PD Fast Charge Module (140W Shared), 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
	FRETA1U5W**	Echo Trio - 1x GPO, USB C/C PD Fast Charge Module (140W Shared), Wireless Fast-charge Module (15W), 500mm TAG Lead, 1000mm Black XT60 Lead to XT60 Socket
	FRETU5WU5**	Echo Trio - 2x USB C/C PD Fast Charge Module (140W Shared), Wireless Fast-Charge Module (15W), 1000mm Black XT60 Lead to XT60 Socket
	FRETA1A1U5**	Echo Trio - 2x GPO, USB C/C PD Fast Charge Module (140W Shared), 500mm TAG Lead, 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 (618Wh)
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.](#)