

Inline Charging Modules

USB Charging

At CMS Electracom we're consistently developing and updating power, data and charging modules to suit the latest technology, user requirements and applications. Our Inline USB modules are designed to be incorporated into our power rails and in-desk boxes offering unrivalled customisability for any application.



SW18UAC3**

30W USB- A/C PD



SW18UCC3**

30W USB-C/C



SW18UAC65**

65W USB- A/C



SW18UCC65**

65W USB-C



SW18UAC118

118W Inline Charging Module



SW18UAC140

140W Inline Charging Module

SW18UAC3**	SW18 Series Inline USB-A/C 30W Module with PD Intelligent Charging
SW18UCC3**	SW18 Series Inline USB C-C 30W Module with PD Intelligent Charging
SW18UAC65**	SW18 series inline USB-C/A 65W GaN with PD Intelligent Charging
SW18UCC65**	SW18 series inline USB-C/C 65W GaN with PD Intelligent Charging
SW18UAC118**	118W Inline Charging Module
SW18UAC140**	140W Inline Charging Module

Notes:

- ** Denotes Standard Colours White (WT) or Black (BK)
- USB Charging for use with IT equipment only

Product Specifications - 30W USB Modules

Technical Data

Part Number		SW18UAC3	SW18UCC3
Product		USB-A/C 30W	USB-C/C 30W
Input		100-240V AC	100-240V AC, 50-60Hz; 0.9A (Max)
Maximum total output		30W	30W (Single Output), 33W
USB outlets		1 x Type-C, 1 x Type-A	2 x Type-C
Standby power		<0.15W	<0.3W
In-rush current		60A (max)	10A (Max)
Over voltage protection		5V: 6.8V 9V: 11.7 12V: 15.6 15V: 19.5 20V: 24V	21-24V
Short circuit protection		*USB Auto Shut Down & Recovery	*USB Auto Shut Down & Recovery
Over power protection		35W	33-45W
Over voltage category		OVC III	OVC III
Operating temperature range		0-40˚C	0-35˚C
Compliance		AS/NZS 60950.1 CISPR32:2015	AS/NZS 62368.1(OVCIII), UL1310, CISPR32:2015
Load combinations	Port 1	USB-A 5V2.4A	USB-C (Only One Port Used) PD-5V/2.4A, 9V/3A; 15V/2A; 20V/1.5A (30W) (With Both Ports Used) PD-5V/2.4A, 9V/1.66A, 15V/1A, 20V/0.75A (15W) QC-5V/3A,9V/2A,12V/1.5A (18W)
	Port 2	USB-C 5V/3A,9V/3A,12V/2.5A,15V/2A,20V/1.5A (No Connected Devices on Port 1 5V/3A,9V/2A,12V/1.5A,15V/1.2A,20V/0.9A (Connected Devices on Port 1 (With USB-A[2] Engaged (Higher Than 500mA)	USB-C (Only One Port Used) PD-5V/2.4A, 9V/3A; 15V/2A; 20V/1.5A (30W) (With Both Ports Used) PD-5V/2.4A, 9V/1.66A, 15V1A, 20V/0.75A (15W) Normal-5V/2.4A
	Port 3		
Reset button		Yes	Yes
Protocols supported - USB-A		PD3.0/2.0, QC3.0/2.0,AFC, FCP, Apple2.4A, BC1.2	
Protocols supported - USB-C		(With USB-A[2] Engaged (Higher Than 500mA)	PD3.0/2.0, QC3.0/2.0,AFC, FCP, Apple2.4A, BC1.2
LED indicator		Normal 5V : Green Charging, Quick Charging: Blue	Normal 5V : Green Quick Charging : Blue No Device Connected : Off

Product Specifications - 65W USB Modules

Technical Data

Part Number		**SW18UAC65**	**SW18UCC65**
Product		**USB-A/C 65W**	**USB-C/C 65W**
Input		100-240V AC, 50-60Hz, 2A	100-240V AC, 50-60Hz, 2A
Maximum total output		65W	65W
USB outlets		1 x Type-C, 1 x Type-A	2 x Type-C
Standby power		<0.3W	<0.3 W
In-rush current		50A (Max)	50A (Max)
Over voltage protection		5V: 6.8V 9V: 11.7 12V: 15.6 15V: 19.5 20V: 24V	5V: 6.8V 9V: 11.7 12V: 15.6 15V: 19.5 20V: 24V
Short circuit protection		*USB Auto Shut Down & Recovery	*USB Auto Shut Down & Recovery
Over power protection		75W	75W
Over voltage category		OVC III	0-40˚C
Operating temperature range		0-40˚C	OVC III
Compliance		AS/NZS 61558.2.16	AS/NZS 61558.2.16
Load combinations	**Port 1**	USB-A 5V/3A, 9V/2A, 12V/1.5A	USB C 5V/3A,9V/2A,12V/1.5A,15V/1.2A,20V/0.9A
	Port 2	USB-C 5V/3A,9V/3A,12V/3A,15V/3A,20V/3.25A (No Connected Devices on USB 5V/3A,9V/3A,12V/3A,15V/3A,20V/2.25A (Connected Devices on USB	USB C 5V/3A,9V/3A,12V/3A,15V/3A,20V/3.25A (No Connected Devices on USB C[1]) 5V/3A,9V/3A,12V/3A,15V/3A,20V/2.25A (Connected Devices on USB C[1])
	Port 3		
Reset button		Yes	Yes
Protocols supported - USB-A		QC3.0/QC2.0 /FCP/AFC/BC1.2 /Apple2.1/ Apple2.4	
Protocols supported - USB-C		PPS PD3.0/PD3.0/QC3.0/QC2.0 /FCP/ AFC/ BC1.2 /Apple2.1/Apple2.4	PPS PD3.0/PD3.0/QC3.0/QC2.0 /FCP/AFC/ BC1.2 /Apple2.1/Apple2.4
LED indicator		Normal 5V : Green charging ; Quick charging: Blue	Normal 5V : Green Charging , Quick Charging: Blue

Product Specifications - Charging Module

Technical Data

Part Number		**SW18UAC118**	**SW18UAC140**
Product		**USB-C 118W**	**USB-C 140W**
Input		100-240V AC; 50-60Hz; 2.5A	100-240V AC; 50-60Hz; 2.5A
Maximum total output		118W	140W
USB **outlets**		1 x Type-C, 1 x Type-A 1 x Type C (On Charger body)	1 x Type-C, 1 x Type-A
Standby power		<0.3 W	<0.3 W
Over voltage protection		Yes	Yes
Short circuit protection		*USB Auto Shut Down & Recovery	*USB Auto Shut Down & Recovery
Over power protection		130W	150W
Operating temperature range		0-35˚C	0-35˚C
Over voltage category		OVC III	OVC III
Compliance		AS/NZS 61558.2.16 OVCIII; CISPR32:2015	AS/NZS 61558.2.16 OVCIII; CISPR32:2015
Load combinations	**Port 1**	USB A 5V/3A; 9V/2A; 12V/1.5A	USB A 5V/3A; 9V/2A; 12V/1.5A
	Port 2	USB C 5V/3A,9V/3A,12V/3A,15V/3A,20V/5A (Connected Devices Only on One Other Port) 5V/3A,9V/3A,12V/3A,15V/3A,20V/4A (Connected Devices on All 3 Ports)	USB C 5V/3A,9V/3A,12V/3A,15V/3A,20V/5A, 28V/5A (No Connected Devices on USB A] 5V/3A,9V/3A,12V/3A,15V/3A,20V/5A (Connected Devices on USB A)
	Port 3	USB C 5V/3A,9V/3A,12V/1.5A,15V/1.2A,20V/0.9A	
Reset button		Yes	Yes
Protocols supported - USB-A		QC3.0/QC2.0 /FCP/AFC/BC1.2 /Apple2.1/ Apple2.4	QC3.0/QC2.0 /FCP/AFC/BC1.2
Protocols supported - USB-C		PPS PD3.0/QC3.0/QC2.0 /FCP/AFC	PPS PD3.1/PD3.0/QC3.0/QC2.0 /FCP/AFC/SCP
LED indicator		No LED	No LED

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