



# Technical Data

## Euro Module with 45W Type A + C USB

### Brief product description:

Quick and easy to install, the Euro Module range provides flexibility for the end user to create a configuration that is customised for their need.

### Features:

- Delivers 50% charge to mobile phones in just 30 minutes.
- Charge up 70% faster than standard 5V charging.
- Ideal for charging larger devices such as tablets and laptops quickly and efficiently.
- Smart Charging - Intelligently adjusts the voltage to give devices the power they need, when they need it, without overcharging.
- Compatible with all smartphone brands including Apple, Samsung, Google and Huawei.
- Minimum mounting box depth: 47mm

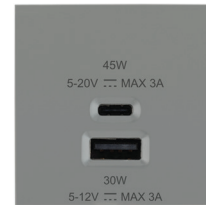
### Product Images



EMUSBAC45W



EMUSBAC45B



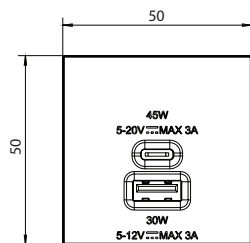
EMUSBAC45G

### Technical Specifications

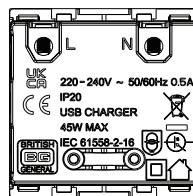
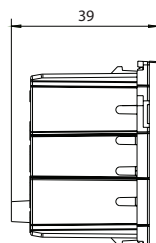
Connection Type	USB Type C and Type A
Terminal Capacity - L & N	1 x 2.5mm <sup>2</sup> , 1 x 4.0mm <sup>2</sup>
RoHS Directive	Yes
WEEE Directive	Yes
Mounting Box Depth (Min)	47mm
Module Dimensions	50mm x 50mm x 39mm



### Line Diagrams



EMUSBAC45X





# Euro Module with 45W Type A + C USB

## Electrical Specification

Input Requirement	Input voltage range	200-240Vac±10%
	Input frequency range	50/60Hz
	Input current	1A Max
	Turn on delay time	≤1S
Input Protection	Input current protection	2A Fuse
USB C Output	Output power	18W max
	Output	5V/3A; 9/2A; 12V/1.5A
	Charge protocols	PD3.0; QC3.0; Apple2.4A; Samsung AFC; Huawei FCP; BC1.2, DPC 1.5A PPS
USB A Output	Output power	18W max
	Output	5V/3A; 9V/2A; 12V/1.5A
	Charge protocols	QC3.0; Apple2.4A; Samsung AFC; Huawei FCP; BC1.2; DPC 1.5A
If both USB-C and USB-A are plugged in		USB-C Support 12W (5V/2.4A); USB-A Support 12W (5V/2.4A);
Protection	DC Output Over Current Protection	Recover automatically
	DC Output Over Voltage Protection	Recover automatically
	Reset After Shutdown	Yes
	Over-temperature protection	Yes
Type	Directive NO.	Standard NO.
LVD (include USB part)	2014/35/EU	EN IEC 61558-1:2019, OVC III
		EN 61558-2-16:2009+A1:2013
		IEC 62368-1: 2018
		EN IEC 62368-1:2020 + A11:2020
EMC	2014/30/EU	EN IEC 61000-6-1:2019;
		EN IEC 61000-6-3-2021
		EN IEC 61000-3-2:2019+A1:2021
		EN 61000-3-3:2013+A1:2019+A2:2021
ERP	2019/1782/EU	EN50563: 2011+A1:2013 + 2019/1782
Railway application	/	EN 50155:2021,
		EN 50121-3-2:2016/A1:2019
		EN 61373:2010

## Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
EMUSBAC45B	EM 45W USB A+C	Printed Bag	Printed Carton	Printed Carton	1	10	100	5050765242424	5050765242431	5050765242448
EMUSBAC45G	EM 45W USB A+C	Printed Bag	Printed Carton	Printed Carton	1	10	100	5050765242394	5050765242400	5050765242417
EMUSBAC45W	EM 45W USB A+C	Printed Bag	Printed Carton	Printed Carton	1	10	100	5050765242363	5050765242370	5050765242387

## Weights & Dimensions

Cat No.	Description	Dimensions (H x W x D) cm				Weight (kg)				CBM (m <sup>3</sup> )
		Unpacked Product	Packed Product	Inner Box	Outer Box	Unpacked Product	Packed Product	Inner Box	Outer Box	Outer Box
EMUSBAC45x	EM 45W USB A+C	5.0 x 5.0 x 38.8	13.5 x 12.0 x 4.1	6.2 x 11.7 x 21.7	23.5 x 24.3 x 32.0	0.074	0.076	0.82	8.46	0.01827

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