



EVOLVE

DECORATIVE WIRING ACCESSORIES



Technical Data

13A Power Socket with 45W Type A + C USB

Brief product description:

BG's Evolve range of wiring accessories is available in a variety of colours and finishes to give you greater choice and flexibility when choosing electrical accessories to complement your decor.

The modern screwless front plate is simple to clip on and off, so you can install or leave the base in place when decorating and clip the colour plate in place once the job is complete.

Features:

- Power socket for standard 3 pin UK plugs with integrated 'fast charge' USB A+C.
- Delivers 50% charge to mobile phones in just 30 minutes.
- Charge up 70% faster than standard 5W charging.
- Supports PD and QC charging protocols and outputs the best voltage & current for optimum 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.
- Easy to install, supplied with fixing screws and installation instructions.
- Angled in-line colour coded terminals with captive screws for quick and easy installation.
- Screwless front plate clips on and off easily, ideal for redecorating.
- Twin earth fitted as standard for high integrity circuits.

Product Images



PCDCL22UAC45W

PCDBS22UAC45W

PCDMG22UAC45B

PCDMB22UAC45B

PCDBC22UAC45B

PCDCP22UAC45B

PCDSB22UAC45B

PCDDB22UAC45B

Colour Reference:

CL = Pearlescent White; MG = Matt Grey; DB = Matt Blue; SB = Satin Brass

BS = Brushed Steel; MB = Matt Black; CP = Polished Copper; BC = Black Chrome

13A Power Socket with 45W Type A + C USB

Technical Specifications

Standard(s)	BS 1363-2:2016+A1:2018, BS EN 62368-1:2014, EN55032
Rating	13 Amp 240V AC
Switch Type	Single Pole
Terminal Capacity	3 x 2.5mm ² , 3 x 4.0mm ² , 2 x 6.0mm ²
RoHS Directive	Yes
WEEE Directive	Yes
Mounting Box Depth (Min)	35mm
Fixing Centres	120.6mm

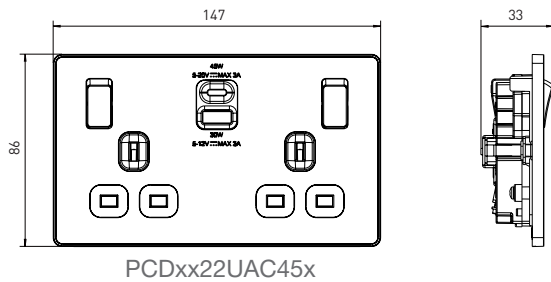


Electrical Specifications

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	45W Max
	Output	5V/3A; 9/3A; 12V/3A; 15V/3A; 20V/2.25A
	Charge protocols	PD3.0; QC3.0; Apple2.4A; Sumsung 2.0; Samsung AFC; Huawei FCP; BC1.2
USB A Output	Output power	30W Max
	Output	5V/3A; 9V/3A; 12V/2.25A
	Charge protocols	QC3.0; Apple2.4A; Samsung2.0A; Samsung AFC; Huawei FCP; BC1.2
USB Output when both A & C ports are in use		USB-C 15W (5V/3A)Max USB-A 12W (5V/2.4A)Max
No load power consumption		< 0.1W When output demand falls to below 100mA (connected device is fully charged) variable voltage output returns to the other port (fast charge).
Protection	DC output over current protection	Recover automatically
	DC output over voltage protection	Recover automatically
	Reset after shutdown	Yes
	Over-temperature protection	Yes
Standards & Safety Certification	CE ASTA	BS 1363-2:2016+A1:2018 EN 62368-1:2020+A11:2020
	CE EMC	EN 6100-6-1:2019 EN 6100-6-3:2021
	EMI	EN 55032
	HI-POT test	<5mA/4000V/60S

13 Amp Socket with 45W USB Charger

Line Diagrams



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
PCDCL22UAC45W	2G USB AC - CL	Eco Blister	Colour Box	Carton	1	5	50	5050765250733	5050765250740	5050765250757
PCDBS22UAC45W	2G USB AC - BS	Eco Blister	Colour Box	Carton	1	5	50	5050765250702	5050765250719	5050765250726
PCDMG22UAC45B	2G USB AC - MG	Eco Blister	Colour Box	Carton	1	5	50	5050765250832	5050765250849	5050765250856
PCDMB22UAC45B	2G USB AC - MB	Eco Blister	Colour Box	Carton	1	5	50	5050765249898	5050765250818	5050765250825
PCDDB22UAC45B	2G USB AC - DB	Eco Blister	Colour Box	Carton	1	5	50	5050765250788	5050765250795	5050765250801
PCDCP22UAC45B	2G USB AC - CP	Eco Blister	Colour Box	Carton	1	5	50	5050765249973	5050765250764	5050765250771
PCDSB22UAC45B	2G USB AC - SB	Eco Blister	Colour Box	Carton	1	5	50	5050765249935	5050765250863	5050765250870
PCDBC22UAC45B	2G USB AC - BC	Eco Blister	Colour Box	Carton	1	5	50	5050765250672	5050765250689	5050765250696

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Weights & Dimensions

Cat No.	Description	Dimensions (H x W x D) cm				Weight (kg)				CBM (m ³)
		Unpacked Product	Packed Product	Inner Box	Outer Box	Unpacked Product	Packed Product	Inner Box	Outer Box	Outer Box
PCDxx22UAC45x	2G USB A+C 45W	8.6 x 14.7 x 3.3	15.3 x 17.8 x 3.6	18.8 x 10.9 x 20.5	22.6 x 38.8 x 56.8	0.175	0.201	1.08	11.32	0.04981