



# EVOLVE

DECORATIVE WIRING ACCESSORIES



## Technical Data

### 13 Amp Socket with 30W USB Charger

#### 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

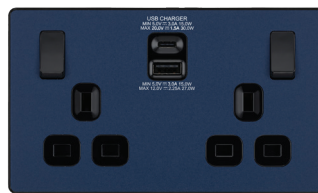
#### Product Images



PCDCL22UAC30W



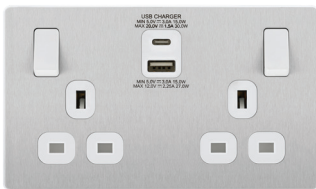
PCDMG22UAC30B



PCDDB22UAC30B



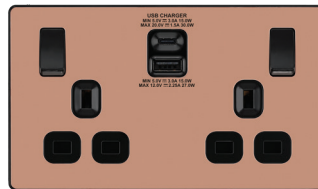
PCDSB22UAC30B



PCDBS22UAC30W



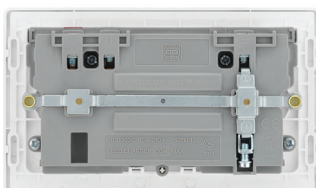
PCDMB22UAC30B



PCDCP22UAC30B



PCDBC22U3B



#### 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

# 13 Amp Socket with 30W USB Charger

## Technical Specifications

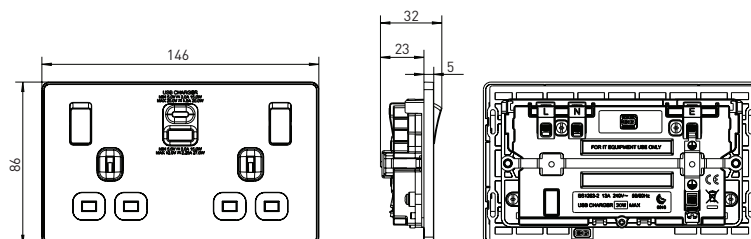
Standard(s)	BS 1363-2:2016+A1:2018
Rating	13 Amp 250V AC
Switch Type	Single Pole
Terminal Capacity	3 x 2.5mm <sup>2</sup> , 3 x 4.0mm <sup>2</sup> , 2 x 6.0mm <sup>2</sup>
RoHS Directive	Yes
WEEE Directive	Yes
Mounting Box Depth (Min)	35mm



## Electrical Specifications

<b>Input Requirement</b>	Input voltage range	200-240Vac±10%
	Input frequency range	50/60Hz
	Input current	1A Max
	Turn on delay time	≤1S
<b>Input Protection</b>	Input current protection	2A Fuse
<b>USB C Output</b>	Output power	30W Max
	Output	5V/3A; 9/3A; 12V/2.5A; 15V/2A; 20V/1.5A
	Charge protocols	PD3.0; QC4.0; Apple; Samsung; Huawei; BC1.2;
<b>USB A Output</b>	Output power	27W Max
	Output	5V/3A; 9V/3A; 12V/2.25A
	Charge protocols	BC1.2; Apple 2.4A; QC3.0; AFC; FCP
<b>USB Output when both A &amp; C ports are in use</b>		USB-C 15W (5V/3A)Max USB-A 10W (5V/2A)Max
<b>No load power consumption</b>		< 0.1W When output demand falls to below 100mA (connected device is fully charged) variable voltage output returns to the other port (fast charge).
<b>Protection</b>	DC output over current protection	Recover automatically
	DC output over voltage protection	Recover automatically
	Reset after shutdown	Yes
	Over-temperature protection	Yes
<b>Standards &amp; Safety Certification</b>	CE ASTA	BS 1363-2:2016+A1:2018 EN 62368-1:2014+A11:2017 EN 62680-1-2:2015
	CE EMC	EN 6100-6-1:2007 EN 6100-6-3:2007
	EMI	EN 55022
	HI-POT test	<5mA/4000V/60S

## Line Diagrams



PCDxx22UAC30x

# 13 Amp Socket with 30W USB Charger

## 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
PCDCL22UAC30W	13A Skt + USB 30W - CL	Eco Blister	Colour Box	Carton	1	5	50	5050765192903	5050765193252	5050765193603
PCDBS22UAC30W	13A Skt + USB 30W - BS	Eco Blister	Colour Box	Carton	1	5	50	5050765187749	5050765188067	5050765188388
PCDMG22UAC30B	13A Skt + USB 30W - MG	Eco Blister	Colour Box	Carton	1	5	50	5050765184687	5050765185035	5050765185387
PCDMB22UAC30B	13A Skt + USB 30W - MB	Eco Blister	Colour Box	Carton	1	5	50	5050765183635	5050765183987	5050765184335
PCddb22UAC30B	13A Skt + USB 30W - DB	Colour Box	Colour Box	Carton	1	/	/	5050765224949	/	/
PCDCP22UAC30B	13A Skt + USB 30W - CP	Colour Box	Colour Box	Carton	1	/	/	5050765225878	/	/
PCDSB22UAC30B	13A Skt + USB 30W - SB	Colour Box	Colour Box	Carton	1	/	/	5050765190800	/	/
PCDBC22UAC30B	13A Skt + USB 30W - BC	Colour Box	Colour Box	Carton	1	/	/	5050765188708	/	/

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## 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
PCDxx22UAC30x	13A Skt + USB 30W (EB)	8.6 x 14.6 x 3.2	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
PCDxx22UAC30x	13A Skt + USB 30W (CB)	8.6 x 14.6 x 3.2	8.7 x 15.2 x 4.3	/	/	0.175	0.216	/	/	/

### Packaging Format:

(CB) = Colour Box; (EB) = Eco Blister