



# Technical Data

## Double 13 Amp Power Socket with 45W Type A + C USB

### Brief product description:

BG's most powerful, fastest charging USB Socket.

Innovative power socket with integrated 'fast charge' USB-A and USB-C ports that can replace any standard socket. A neat solution with no loss of valuable power sockets.

### Features:

- 13A Power Sockets with integrated 'fast charge' USB-A & USB-C ports.
- Delivers 50% charge to mobile phones in just 30 minutes.
- Charge up 70% faster than standard 5V 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.
- Screwless front plate clips on and off easily and has a sleek flat profile.
- Moisture control gasket prevents tarnishing from new plaster.
- Angled, colour coded terminals with captive screws.
- Twin earth for high integrity circuits.
- Minimum mounting box depth: 35mm

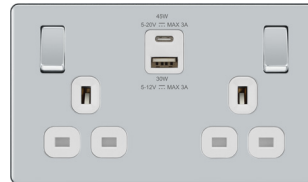
### Product Images



FBN22UAC45B



FBS22UAC45G



FPC22UAC45W



FFB22UAC45B



### Technical Specifications

Standard(s)	BS 1363-2:2016+A1:2018, BS EN 62368-1:2014, EN55032
Rating	13 Amp 240V ~
Contact Gap	3.0mm minimum
Switch Type	Single Pole
Terminal Capacity - L & N	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
Fixing Centres	120.6mm



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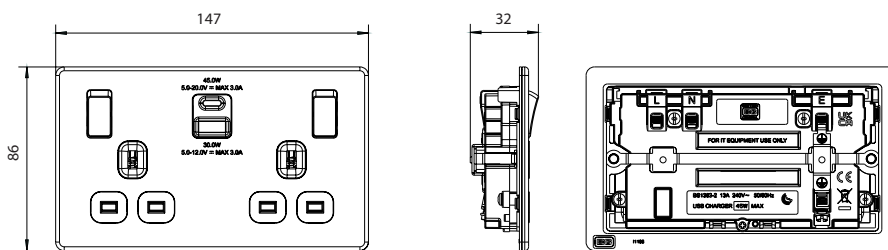


# Double 13 Amp Power Socket with 45W Type A + C USB

## 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	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/2.5A
	Charge protocols	QC3.0; Apple2.4A; Samsung2.0A; Samsung AFC; Huawei FCP; BC1.2
If both USB-C and USB-A are plugged in		USB-C Supports 15W (5V/3A); USB-A Supports 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
Standards & Safety Certification	CE ASTA	BS 1363-2:2016+A1:2018 EN 62368-1:2020+A11:2020
	CE EMC	EN 6100-6-1:2019 EN6100-6-3:2021
	EMI	EN55032
	HI-POT test	<5mA/4000V/60S

## Line Diagrams



F\*\*22UAC45\*



## Double 13 Amp Power Socket with 45W Type A + C USB

### 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
FBN22UAC45B	2G USB AC -BN	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765244121	5050765244138	5050765244145
FBS22UAC45G	2G USB AC -BS	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765244060	5050765244077	5050765244084
FFB22UAC45B	2G USB AC -FB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765238083	5050765238274	5050765238465
FPC22UAC45W	2G USB AC -PC	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765244091	5050765244107	5050765244114

\*Colour Reference: BN = Black Nickel, BS = Brushed Steel, FB = Matt Black, PC = Polished Chrome

### 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
F**22UAC45*	2G USB A+C 45W	8.6 x 14.7 x 3.2	15.3 x 18 x 3.6	18.8 x 12.7 x 20.8	21.9 x 38.5 x 64.8	0.289	0.325	1.71	17.66	0.05464