



Technical Data

Double 13 Amp Power Socket with 45W Type 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.

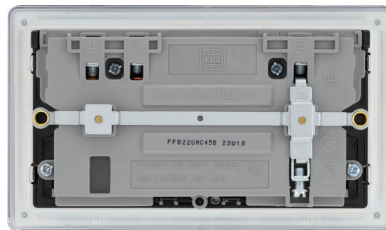
Features:

- 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



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 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



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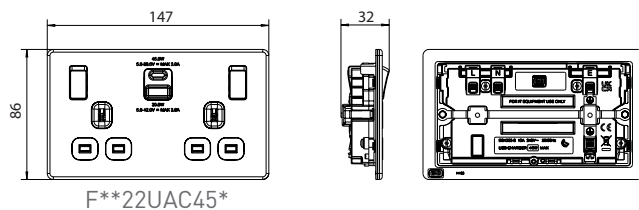


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Electrical Specification

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



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
FFB22UAC45B	2G USB A+C 45W	Eco Blister	Printed Box	Printed Box	1	5	50	5050765238083	5050765238274	5050765238465

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
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