



Technical Data

Single 13 Amp Power Socket with 18W Type A + C USB

Brief product description:

The BG Nexus Metal range has a sleek and slim profile with softly rounded edges that portrays a premium look, and is available in a wide range of finishes to cater for all tastes.

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

Features:

- 13A Power Socket with integrated 'fast charge' USB-A & USB-C ports
- Supports PD and QC charging protocols and outputs the best voltage & current for optimum charging
- 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
- Sleek and slim metal profile with softly rounded edges
- Moisture control gasket prevents tarnishing from new plaster
- Colour coded terminals with captive screws
- Twin earth for high integrity circuits
- Minimum mounting box depth: 25mm

Product Images

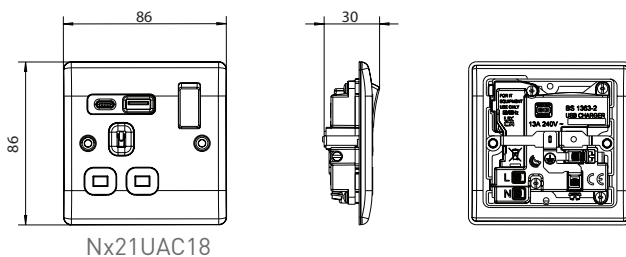


Technical Specifications

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)	25mm
Fixing Centres	60.3mm



Line Diagrams





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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	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
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
Standards & Safety Certification	BS 1363-2:2023, EN IEC 62368-1:2020 + A11:2020, IEC 62368-1: 2018	
	EN IEC 62368-1:2020 + A11:2020, EN IEC 62368-3: 2020	
	EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021	
	EMC directive 2014/30/EU, ERP Directive 2019/1782/EU	
		LVD Directive 2014/35/EU, OVC III Compliant

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
NAB21UAC18B	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263412	5050765263429	5050765263436
NBN21UAC18B	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263443	5050765263450	5050765263467
NBS21UAC18B	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263498	5050765263528	5050765263559
NBS21UAC18G	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263474	5050765263504	5050765263535
NBS21UAC18W	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263481	5050765263511	5050765263542
NFB21UAC18B	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263566	5050765263573	5050765263580
NPC21UAC18W	1G SKT + 18W USB	Eco Blister	Printed Carton	Printed Carton	1	5	50	5050765263597	5050765263603	5050765263610

*Colour Reference: AB = Antique Brass, 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 ³)
		Unpacked Product	Packed Product	Inner Box	Outer Box	Unpacked Product	Packed Product	Inner Box	Outer Box	Outer Box
N**21UAC18*	1G SKT + 18W USB	8.6 x 8.6 x 3.0	15.3 x 12.0 x 34.3	12.7 x 12.7 x 20.7	21.9 x 26.3 x 59.8	0.139	0.162	0.87	9.11	0.03444

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