

NEW

BG

SUPERFAST

USB SOCKETS



Faster, Smarter USB Charging



bgelectrical.uk/uk/superfast



SUPERFAST

USB SOCKETS



45W | **22W**
Perfect for laptops | Ideal for phones

Faster, Smarter USB charging.



All of BG Electrical's switches and sockets have been developed with the contractor in mind, with features that make installation as quick and as easy as possible.

Charge up **70% faster** than standard 12-15W charging**

13A power sockets with integrated 45W **'fast charge'**

Delivers **50% charge** to mobile phones in just **30 minutes***

No visible plastic around switches

USB-A & USB-C ports

Brushed Steel finish with **lightly lacquered surface** to reduce fingerprint marks

Nexus Metal features **sleek and slim metal profile** with softly rounded edges

Smart Charging - Intelligently adjusts the voltage to give devices the power they need, when they need it, without overcharging

Supports PD and QC charging protocols and outputs the best voltage & current for optimum charging

Angled, colour coded terminals with captive screws

Twin earth for high integrity circuits

Minimum mounting box depth **25mm**

Moisture control gasket prevents tarnishing from new plaster (Nexus Metal only)

FAST CHARGE

USB A+C

FITS 25mm BACK BOX

The latest innovation from BG Electrical is designed for performance and convenience, with USB Type-C & USB Type-A Ports, utilising variable fast charging technology to protect and prolong battery life by only delivering the power a device needs, when it needs it.

Offering fast, smart, straight-to-wall charging solutions designed to optimise socket usage. Striking the perfect balance between functionality, aesthetics, and efficiency.

The 45W USB wall sockets are perfect for charging higher powered devices such as laptops & tablets, whilst the 22W USB wall sockets are ideal for smartphones and smaller devices, providing straight-to-wall charging without the need for bulky adaptors, leaving your spaces tidy and freeing your sockets.

Fast charging can deliver up to 50%* charge to smartphones in as little as 30 minutes. Charge time varies with environmental factors and actual results will vary.

Variable voltage fast charge USB ports can charge up to 70%** faster than standard 12W-15W charging (**when charging a iPhone 13 or similar device from 0% battery).

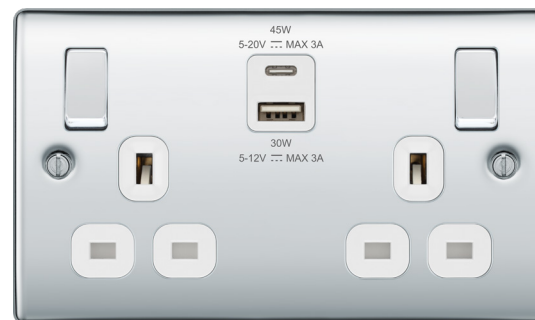


BG Electrical products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery.



Universal Compatibility

Compatible with all brands of laptops, smartphones, tablets, smartwatches and other USB chargeable devices.



Variable vs Fixed Voltage?

Variable Voltage sockets use built-in smart charging technology to communicate with the individual device, to only deliver the power a device needs, when it needs it. Meaning devices can charge from 0-50% or more, in as little as 30 minutes.

Variable Voltage follows three stages of charging:

Stage 1: Where fast charging occurs – 50% in 30 minutes.

Stage 2: The output slows as the battery nears full to protect battery health.

Stage 3: Once the battery is fully charged a small charge will be offered periodically as a 'top up', whilst pushing the maximum output to the other USB Port.

This protects and prolongs battery life, by never overcharging connected devices.

Variable Voltage USB Sockets are available in 45W & 22W.

Fixed Voltage sockets offer a cost-effective solution where speed of charging is not a priority (e.g. *charging overnight*). These sockets will enter standby mode when a device is fully charged, protecting the devices battery life.

Fixed Voltage USB Sockets are available in 15W & 12W.



Is 45W Faster than 22W?

A **45W** wall socket typically charges faster than a 22W wall socket, however charging speeds will vary depending on the device and charging conditions.

Device capability: If the device supports fast charging of 45W or above, you will see faster charging than with a 22W socket. If the device can only accept 22W, then the charging speed will be the same.

Cable quality and type: The charging cable must support higher wattage for fast charging.

Battery management software: As the battery gets closer to full capacity, the device's software controls may slow down the charging speed to prevent damage, affecting the perceived charging speed between a 45W and a 22W charger.

45W wall sockets are perfect for charging higher powered devices such as laptops & tablets.

22W wall sockets are ideal for smartphones and smaller devices.

USB Power Delivery

USB Power Delivery (USB-PD, or PD) is a fast charging technology supported by certain Apple, Android and other devices. PD delivers much higher levels of power than standard USB charging. To use USB-PD you will need a USB-PD enabled device, USB-C cable and USB-PD charger.

Benefits include more power, faster charging, and voltage adjustment, which enables fast charging without delivering too much power which could lead to damaged circuitry from overcharging or overheating.

Qualcomm Quick Charge

Qualcomm Quick Charge (QC) is a fast charging technology supported by popular smartphone manufacturers including Samsung, LG and Sony. QC delivers much higher levels of power than conventional USB charging with the same benefits as USB-PD. To use Qualcomm Quick Charge, you will need a QC enabled device, cable and charger.



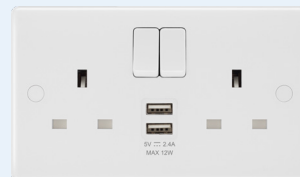
There is an increased demand within the home to charge multiple devices at the same time, as well as much faster and easier charging. Having several BG Fast Charging wall sockets around the home enables every family member to charge their devices without an argument over who gets the charging adaptors first!

In the commercial sector, high-footfall venues present a significant requirement for fast-charge points. From coffee shops, pubs, and restaurants, to hotels, conference venues, and airports ... having access to a fast USB charging socket is a selling point. As society becomes increasingly digital, and staying connected is critical, offering the facility for customers to fast charge their devices, and in turn reduce 'charge anxiety', could be a key factor in attracting customers.

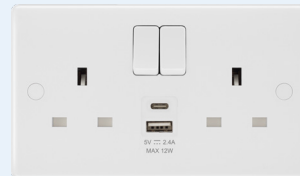
White Moulded

13 Amp Double Switched Socket with 2 x USB (12W)

- Ideal for charging phones, smartwatches, headphones and e-readers
- Simultaneous charging of two devices (12W shared across both ports)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee



822UAA12



822UAC12

Round Edge	Square Edge	Description
822UAA12	922UAA12	13A Double USB Socket 2xA 12W
822UAC12		13A Double USB Socket A+C 12W

13 Amp Double Switched Socket with 2 x USB A and 1 x USB C (15W)

- Ideal for charging phones, smartwatches, headphones and e-readers
- Simultaneous charging of three devices (15W shared across three ports)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee



822UAAC15

Round Edge	Square Edge	Description
822UAAC15	922UAAC15	13A Double USB Socket 2xA 1xC 15W

13 Amp Double Switched Socket with Fast Charge USB A + C (22W)

- Ideal for charging smartphones, tablets, power banks and portable gaming devices
- Simultaneous charging of two devices (22W shared across two ports)
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee



822UAC22

Round Edge	Square Edge	Description
822UAC22	922UAC22	13A Double USB Socket A+C 22W

13 Amp Double Switched Socket with Fast Charge USB A + C (45W)

- Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices (45W shared across two ports)
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee



822UAC45

Round Edge	Square Edge	Description
822UAC45	922UAC45	13A Double USB Socket A+C 45W

EVOLVE

13 Amp Double Switched Socket with Fast Charge USB A + C

- 22W - Ideal for charging smartphones, tablets, power banks and portable gaming devices
- 45W - Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices (power shared across 2 ports)
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25-35mm dependant on wiring conditions
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee



Double 22W USB	Finish	Frame & Module Colour
PCDCL22UAC22W	Pearlescent White	White
PCDBS22UAC22W	Brushed Steel	White
PCDMG22UAC22B	Matt Grey	Black
PCDMB22UAC22B	Matt Black	Black
PCDDB22UAC22B	Matt Blue	Black
PCDCP22UAC22B	Polished Copper	Black
PCDSB22UAC22B	Satin Brass	Black
PCDBC22UAC22B	Black Chrome	Black



PCDSB22UAC22B

Double 45W USB	Finish	Frame & Module Colour
PCDCL22UAC45W	Pearlescent White	White
PCDBS22UAC45W	Brushed Steel	White
PCDMG22UAC45B	Matt Grey	Black
PCDMB22UAC45B	Matt Black	Black
PCDDB22UAC45B	Matt Blue	Black
PCDCP22UAC45B	Polished Copper	Black
PCDSB22UAC45B	Satin Brass	Black
PCDBC22UAC45B	Black Chrome	Black



PCDDB22UAC45B

FLATPLATE

13 Amp Double Switched Socket with Fast Charge USB A + C

- 22W - Ideal for charging smartphones, tablets, power banks and portable gaming devices
- 45W - Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices (power shared across 2 ports)
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25-35mm dependant on wiring conditions
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
- 10 Year Guarantee



Double 22W USB	Finish	Insert Colour
FBS22UAC22W	Brushed Steel	White
FBS22UAC22G	Brushed Steel	Grey
FPC22UAC22W	Polished Chrome	White
FPC22UAC22G	Polished Chrome	Grey
FBN22UAC22B	Black Nickel	Black
FFB22UAC22B	Matt Black	Black



FPC22UAC22W

Double 45W USB	Finish	Insert Colour
FBS22UAC45G	Brushed Steel	Grey
FPC22UAC45W	Polished Chrome	White
FBN22UAC45B	Black Nickel	Black
FFB22UAC45B	Matt Black	Black



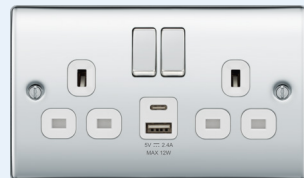
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NEXUS METAL

13 Amp Double Switched Socket with 2 x USB (12W)

- Ideal for charging phones, smartwatches, headphones and e-readers
- Simultaneous charging of two devices (power shared across 2 ports)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
- Manufactured to BS1363-2
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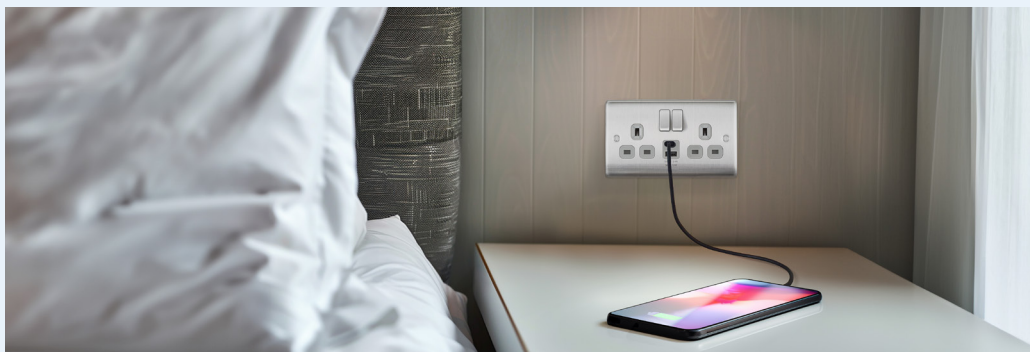


NPC22UAC12W



NBS22UAC12G

Double 12W USB	Finish	Insert Colour
NBS22UAC12W	Brushed Steel	White
NBS22UAC12G	Brushed Steel	Grey
NBS22UAC12B	Brushed Steel	Black
NPC22UAC12W	Polished Chrome	White
NBN22UAC12B	Black Nickel	Black
NAB22UAC12B	Antique Brass	Black
NFB22UAC12B	Matt Black	Black



13 Amp Double Switched Socket with Fast Charge USB A + C

- 22W - Ideal for charging smartphones, tablets, power banks and portable gaming devices
- 45W - Ideal for charging laptops, tablets, smartphones, video equipment and IoT devices
- Simultaneous charging of two devices (power shared across 2 ports)
- Smart Charging with variable voltage - only delivers the power that your device needs, without overcharging.
- Supports PD & QC charging protocols for Android and iOS devices (when using a certified cable)
- Minimum mounting box depth 25mm - ideal for retro-fit
- Terminal Capacity 3 x 2.5mm, 3 x 4.0mm, 2 x 6mm
- Twin Earth fitted as standard - Ref. BS 7671:2008
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NAB22UAC22B



NBS22UAC45G

Double 22W USB	Finish	Insert Colour
NBS22UAC22W	Brushed Steel	White
NBS22UAC22G	Brushed Steel	Grey
NBS22UAC22B	Brushed Steel	Black
NPC22UAC22W	Polished Chrome	White
NBN22UAC22B	Black Nickel	Black
NAB22UAC22B	Antique Brass	Black
NFB22UAC22B	Matt Black	Black

Double 45W USB	Finish	Insert Colour
NBS22UAC45G	Brushed Steel	Grey
NPC22UAC45W	Polished Chrome	White
NBN22UAC45B	Black Nickel	Black
NAB22UAC45B	Antique Brass	Black
NFB22UAC45B	Matt Black	Black

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G R O U P

