D4

ELECTRICAL FURNITURE
PRODUCT CATALOGUE

Integrating technology into furniture with elegantly functional solutions

EDITION 14

D4 is a brand of Design 4 Technologies (Pty) Ltd, which was established in 2010. D4 leads the industry with approval by the South African National Regulator of Compulsory Standards (NRCS)

WHAT WE DO

D4 specializes in customised electrical furniture, bringing electrical power and data services to your desktop. D4's integration solutions are both stylish and functional.

OUR SOLUTION APPROACH

On Desk
With the advent of 'hot desking', laptops and smart phones, access to electrical fittings and data services on top of the desk is becoming a requirement.

In Desk
Solutions offer easy access with low profile or fold-away outlets that are unobstrusive and aesthetically pleasing.

Under Desk
Ideal for applications such as call centres or where the CPU is installed under the desk and for bench desk systems.

OUR PRODUCTS

We offer customised, quick turnaround, quality products that are designed and built in South Africa. Our patented products meet and exceed all South African Safety regulations. Approved by NRCS (South African National regulator for compulsory specifications). All product ranges are manufactured from high grade anodised aluminium, designed with an emphasis on aesthetics and compactness. Metallic housing give power sets a robust durability.

Modular Design
The Modular Design of the D4 range is 11 fully customisable ranges with 12 different power outlet configurations and 9 different data/auxiliary outlet options. The integrated solutions can be re-arranged and adapted to suit specific requirements.

OEM
D4 offers furniture manufacturers the opportunity to design a specific once-off custom solution for full integration into their desking ranges.

SINGLE · MULTI · PRO

The Dot Evo is a compact addition to any workstation customised to your choice.

Fits a standard 80mm grommet hole with a quick and easy installation.

Custom length supply cord (4 meter standard).

USB OUTLETS

Both USB A + USB Type-C with a total of 30W shared power output.

- USB-A max. 10W Bi-directional Connector unique to D4.
- USB Type-C Power Delivery technology (PD) and Qualcomm® QC max. 30W.
- USB Type-C charges a smart phone up to 50% in just 30 minutes.
- USB Type-C provides faster charging and is the new standard port on many phones, tablets, Nintendo Switch® devices, laptops and 3C devices.

SOCKET OUTLETS

- South African 16 Amp 3 pin
- South African Compact (SANS 164-2)
- Operating Voltage: 220 - 240 V AC 50/60 Hz
- Max Current 16 A
- Max Power 3500 W

DOT EVO COLOURS

Black
(Black insert)

White
(White insert)

Stainless Steel
(Black insert)

Stainless Steel
(White insert)

USB Outlets
Both USB A+C with a total of 30W shared power output.

- USB-A max 10W.
- USB-C Power Delivery technology (PD) max. 30W.

The Dot Eco is a complimentary addition to any workstation customised to your choice.

Fits a standard 80mm grommet hole with a quick and easy installation.

Custom length supply cord (4 meter standard).

USB OUTLETS

Both USB A + USB Type-C with a total of 15W shared power output.

- USB-A Charger max 15W Bi-directional Connector, unique to D4.
- USB Type-C Charger Connector max 15W.
- Current, voltage and temperature overload protection.
- Short circuit protection.

SOCKET OUTLETS

- South African 16 Amp 3 pin
- South African Compact (SANS 164-2)
- Operating Voltage: 220 - 240 V AC 50/60 Hz
- Max Current 16 A
- Max Power 3500 W

DOT ECO COLOURS

Black
(Black insert)

White
(White insert)

Stainless Steel
(Black insert)

Stainless Steel
(White insert)

USB Outlets
Both USB A+C with a total of 15W shared power output.

- USB-A max 15W
- USB-C max 15W

Space saving and highly functional, this power solution pops up with the ultimate combination of sockets and then a choice of the USB either combination shared USB-C + A or Type-C 20W PD.

Neatly hidden when not in use, with just an easy soft press down to release and close again in an instant.

Endless applications from boardroom tables to individual desks.

Simple to install with 80mm cut out.

Available in black.

Compact Combinations.

Option 1:
- USB-A charger max 15W Bi-directional connector, unique to D4 with USB Type-C charger connector max. 15W.
- USB-A: Auto indentifies to Apple 2.4A, Samsung 2A and BC1.2.
- Current, voltage and temperature overload protection.
- Short circuit protection.

Option 2:
- USB Type-C max 20W Power Delivery.

SPECIFICATIONS

Input: USB-C + A 15 Watt, 100-240V~, 0.4A, 50/60Hz
Output:
(USB-C or USB-A used independantly)
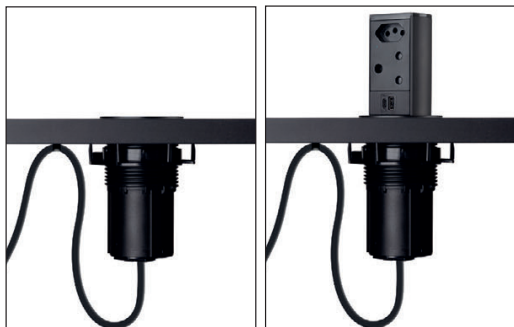- 5V⎓ 3A
(USB-C or USB-A used simultaneously)
- Shared 5V⎓ 3A
Latest technology power delivery (PD) rated 20Watt hi-speed charger - USB type C connector.
- Available in Black with Blue power-on LED.
- Size: 0.50 Modules width.

APPROVALS

- South Africa Letter of Authority LOA certificate number: 185842
- SANS IEC 62368-1
- IEC 61000-3-2
- IEC 61000-3-3
- CISPIR 32: 2015
- CISPIR 35: 2016

- USB-A + C shared 15W
- USB-C 20W PD max 20W

Sleek, minimalist design adds a stylish touch to any professional environment.

The MicroDot provides you with an easy and efficient access to charge any smart device in your home or office.

MODULES

Socket outlets
- South African Compact (SANS 164-2)
- Compatible with 2-pin and new 3-pin SA pin patterns

USB MODULES

USB Type-C Module
- USB - PD 5V/3A (15W) ; 9V/2.22A (20W) ; 12V/1.67A (20W)
- USB - QC 3.0/2.0 5V/3A (15W) ; 9V/2A (18W) ; 12V/1.5A (18W)

USB A Module
- USB - PD 5V/3A (15W) ; 9V/2.22A (20W) ; 12V/1.5A (18W)
- USB - QC 3.0 QC 3.0/2.0 5V/3A (15W) ; 9V/2A (18W) ; 12V/1.5A (18W)
- Bi-directional Connector

USB Type-C and A Module

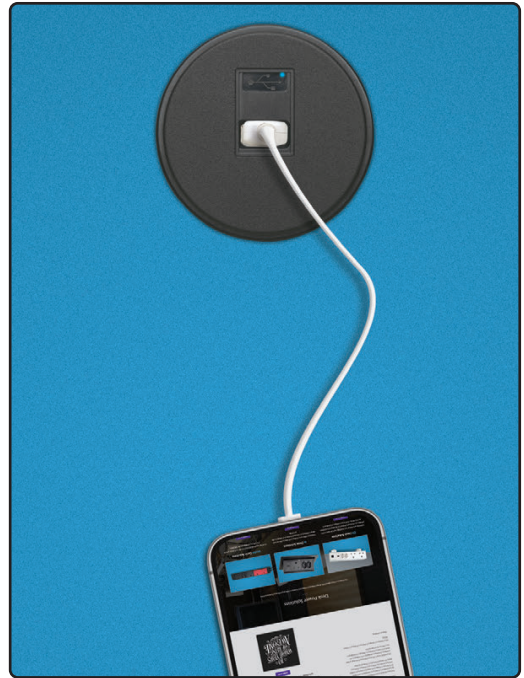**Input :** 15 Watt, 100-240V~, 0.4A, 50/60Hz

Output :
(USB Type-C or USB-A used independantly)
- USB Type-C : 5V⎓ 3A
- USB Type-A : 5V⎓ 3A

(USB Type-C or USB-A used simultaneously)
- Shared 5V⎓ 3A

Available in Graphite or Titanium

WIRELESS QI CHARGER

- 10 Watt
- QI Compatible

Available in Black or White

WIRED OPTIONS

Daisy Chain Connector   Direct Wired Cord

Cut-out size ø 58mm. Max. top thickness 35mm.

Sleek low-profile, modular design customised to meet the individual's needs.

Anodised solid aluminium body for durability and aesthetics.

Ideal for high-end computer workstations.

Through wiring to allow for "daisy chain" installations via interconnect leads and splitter block.

Blade mounting under desk with NEW ZIP toolless clamps.

MODULES

Power modules:
- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
  - South African Compact (SANS 164-2)
  - South African 2 Pin (SANS 164-6)
  - South African Compact Dedicated Sockets (SANS 164-2-1) (3 versions)
  - Universal 13 Amp International Socket (Export orders only)
  - Schuko (Export orders only)

Data / auxiliary modules:
- Cat 5e or Cat 6
- USB Combination Type C+A 60Watt PD (Power Delivery) Charger
- USB Type-C 20 Watt PD (Power Delivery) Charger
- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC (Quick Charge) Charger
- VGA
- HDMI
- Data Pass Thru

OPTIONS

Standard Body Colours:

Polar
Anodised silver body with white inserts.

Titanium
Anodised silver body with black inserts.

Graphite
Texture powder coated black with black inserts.

Standard Sizes available:
2.00, 2.50, 3.00, 5.00 and 5.25 modules.

Custom sizes available:
1.00 - 6.00 modules.

Sleek low-profile, modular design customised to meet the individual's needs.

Anodised solid aluminium body for durability and aesthetics with plastic sides, which allow for custom width adjustments.

Fully customisable modular designed unit that fits in any desktop finish.

Ideal for high-end computer workstations.

Through wiring to allow for "daisy chain" installations via interconnect leads and splitter block.

Blade mounting under desk with NEW ZIP toolless clamps.

MODULES

Power modules:
- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
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- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC (Quick Charge) Charger
- VGA
- HDMI
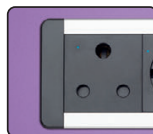- Data Pass Thru

OPTIONS

Standard Body Colours:

Graphite
Texture powder coated black with black end caps.

Polar
Anodised silver body with white end caps.
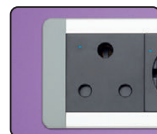

Titanium
Anodised silver body with black end caps.

Polar Grey
Anodised silver body with grey end caps.

Titanium Grey
Anodised silver body with grey end caps.

Standard Sizes available
2.00, 2.50, 3.00, 5.00 and 5.25 modules.

Custom sizes available
1.00 - 6.00 modules.

Fully customized modular designed power unit clamped to the edge of your workstation with a "C Clamp".

Single and dual power circuits for dedicated applications (two completely independent circuits within a single housing).

Through wiring to allow for "daisy chain" installations via interconnect leads.

Unique "data pass thru" option: presents user data cables in a convenient way while being integrated into the power set.

MODULES

Power modules:
- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
  - South African Compact (SANS 164-2)
  - South African Compact Dedicated Sockets
    (SANS 164-2-1) (3 versions)
  - Universal 13 Amp International Socket
    (Export orders only)
  - Schuko (Export orders only)

Data / auxiliary modules:
- Cat 5e or Cat 6
- USB Combination Type C+A 60Watt PD
  (Power Delivery) Charger
- USB Type-C 20 Watt PD (Power Delivery) Charger
- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC
  (Quick Charge) Charger
- VGA
- HDMI
- Data Pass Thru

OPTIONS

Standard Body Colours:

Polar
Anodised silver post and body with white end caps.

Graphite
Texture powder coated black body with black end caps and black posts.
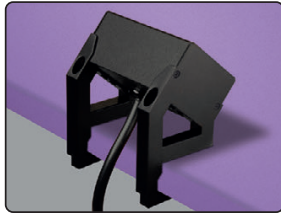

Titanium
Anodised silver post and body with black end caps.

Fully customisable modular designed power set fitted to the edge of your workstation with two L- shaped brackets

Single and dual power circuits for dedicated applications (two completely independent circuits within a single housing).

Through wiring to allow for "daisy chain" installations via interconnect leads.

Unique "data pass thru" option: presents user data cables in a convenient way while being integrated into the power set.

MODULES

Power modules:
- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
  - South African Compact (SANS 164-2)
  - South African Compact Dedicated Sockets (SANS 164-2-1) (3 versions)
  - Universal 13 Amp International Socket (Export orders only)
  - Schuko (Export orders only)

Data / auxiliary modules:
- Cat 5e or Cat 6
- USB Combination Type C+A 60Watt PD (Power Delivery) Charger
- USB Type-C 20 Watt PD (Power Delivery) Charger
- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC (Quick Charge) Charger
- VGA
- HDMI
- Data Pass Thru

OPTIONS

Standard Body Colours:

Polar
Anodised silver body with white end caps.

Graphite
Texture powder coated black with black end caps.

Titanium
Anodised silver body with black end caps.

Fully customised modular on desk mounting power unit with single or double post versions.

Cable hidden within mounting posts for clean simple aesthetics.

Ideal for "hot desking" as it eliminates the need for the user to crawl under the desk to find power and data outlets.

Through wiring to allow for "daisy chain" installations via interconnect leads.

Fits a standard 60mm grommet hole for double post and 80mm grommet hole for single post installations.

MODULES

Power modules:

- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
  - South African Compact (SANS 164-2)
  - South African Compact Dedicated Sockets (SANS 164-2-1) (3 versions)
  - Universal 13 Amp International Socket (Export orders only)
  - Schuko (Export orders only)

Data / auxiliary modules:

- Cat 5e or Cat 6
- USB Combination Type C+A 60Watt PD (Power Delivery) Charger
- USB Type-C 20 Watt PD (Power Delivery) Charger
- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC (Quick Charge) Charger
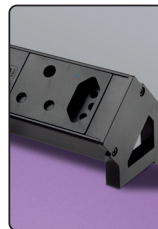- VGA
- HDMI
- Data Pass Thru

OPTIONS

Standard Body Colours:

Polar
Anodised silver post and body with white end caps.

Graphite
Texture powder coated black body with black end caps and black posts.

Titanium
Anodised silver post and body with black end caps.

60 & 80mm base plates available in Anodised Silver or Texture Black.

The essential styling offers a clean, functional presence with an almost limitless selection of customised options to meet the individual needs.

The Grid Range increases efficiency and can suit any office environment with an anodised aluminium body for strong and robust durability.

Single and dual power circuits for dedicated applications (two completely independent circuits within a single housing) .

Through wiring to allow for "daisy chain" installations via interconnect leads and splitter block.

Installation mounting options:

- On Desk
- Under Desk
- "Peep-through" Desk

MODULES

Power modules:

- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
  - South African Compact (SANS 164-2)
  - South African Compact Dedicated Sockets (SANS 164-2-1) (3 versions)
  - Universal 13 Amp International Socket (Export orders only)
  - Schuko (Export orders only)

Data / auxiliary modules:

- Cat 5e or Cat 6
- USB Combination Type C+A 60Watt PD (Power Delivery) Charger
- USB Type-C 20 Watt PD (Power Delivery) Charger
- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC (Quick Charge) Charger
- VGA
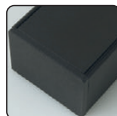- HDMI
- Data Pass Thru

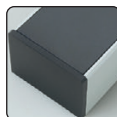## OPTIONS

Standard Body Colours:

Polar
Anodised silver body with white end caps

Graphite
Texture powder coated black body with black end caps.

Titanium
Anodised silver body with black end caps.

Metal end plate options:

| End plate with 2 holes | End plate with big hole | End plate vertical | End plate |

Standard cost-effective power set to suit any office environment with a texture powder coated body and black end caps for strong and robust durability.

Single and dual power circuits for dedicated applications (two completely independent circuits within a single housing).

Through wiring to allow for "daisy chain" installations via interconnect leads and splitter block.

Installation options:
- On Desk
- Under Desk
- "Peep-through" Desk

RANGE AVAILABLE

Type 1
Two Standard South African 16 Amp 3 pin sockets.

Type 2
Two Dedicated South African 16 Amp 3 pin sockets.

Type 3
One Standard South African 16 Amp 3 pin socket,
One Dedicated South African 16 Amp 3 pin socket.

Type 4
Three Standard South African 16 Amp 3 pin sockets.

Type 5
One Dedicated South African 16 Amp 3 pin socket,
One Standard South African 16 Amp 3 pin socket,
Two South African compact sockets**.**

Type 6
Two Dedicated South African 16 Amp 3 pin sockets,
One Standard South African 16 Amp 3 pin socket.

Type 7
Four Standard South African 16 Amp 3 pin sockets.

Type 8
Four Dedicated South African 16 Amp 3 pin sockets.

Type 9
Two Standard South African 16 Amp 3 pin sockets,
Two Dedicated South African 16 Amp 3 pin sockets.

Type 10
Two Dedicated South African 16 Amp 3 pin sockets,
One Standard South African 16 Amp 3 pin socket,
Two South African compact sockets.

Type 11
Three Dedicated South African 16 Amp 3 pin sockets,
Two Standard South African 16 Amp 3 pin sockets,
Two South African compact sockets.

Type 12
Three Standard South African 16 Amp 3 pin sockets,
Three Dedicated South African 16 Amp 3 pin sockets

This flip-up power unit fits horizontally into the work surface giving it the ability to tilt up exposing all the sockets.

The unit can be closed while the plugs are still attached freeing up work space.

A brush strip allows for the cables to exit the unit whilst in closed position.

Ideal for high-end boardroom tables.

Through wiring to allow for "daisy chain" installations via interconnect leads and splitter block.

MODULES

Power modules:
- Overload switch
- Circuit breaker
- **Socket outlets**
  - South African 16 Amp 3 pin
  - South African Dedicated (3 versions)
  - South African Compact (SANS 164-2)
  - South African 2 Pin (SANS 164-6)
  - South African Compact Dedicated Sockets (SANS 164-2-1) (3 versions)
  - Universal 13 Amp International Socket (Export orders only)
  - Schuko (Export orders only)

Data / auxiliary modules:
- Cat 5e or Cat 6
- USB Combination Type C+A 60Watt PD (Power Delivery) Charger
- USB Type-C 20 Watt PD (Power Delivery) Charger
- USB Type-A 18 Watt QC (Quick Charge) Charger
- USB Combination Type C+A 15Watt QC (Quick Charge) Charger
- VGA
- HDMI
- Data Pass Thru

Standard Body Colours:

Graphite
Texture powder coated black body with black brush strip.

Titanium
Anodised silver body with black brush strip.

Standard Sizes available:
3.00, 4.25, 5.00 and 5.75 modules.

Custom sizes available on request.

Designed for larger boardroom applications where access is required from both sides of the unit for that professional look and feel.

The unit is designed with a sleek single or double door access port providing you with direct access
to the power source located below the work surface in a cable management tray which swings open for easy access.
(Refer to Cable Management).

Power source is fully customised to meet your individuals needs and is sold seperately.
(Refer to GRID and GRID Eco Ranges).
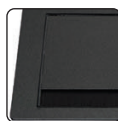
MODULES

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- USB Combination Type C+A 15Watt QC
  (Quick Charge) Charger
- VGA
- HDMI
- Data Pass Thru

Double door version available in silver or graphite black.

Single door version with brush strip.
Available in silver or graphite black.

Custom brackets allow the cable tray to be un-clipped and swung down.

D4 SPIKE Range brings two key elements to desktop ergonomics. A source of power and light in a single stylish unit.

LED lighting technology saves 75% in energy and last 25% longer than traditional technologies.

Studies show that LED lighting can improve performance of visual and cognitive tasks by 8,3%.

Traditional ceiling based light sources have been used to achieve mandatory light levels (lux) for typical activities such as typing (300 lux) or draft drawing (500 lux).

Dual source lighting allows main light sources to be reduced to the minimum general light level of 100 lux and then introducing only the required level in the exactly localised work by means of an LED task lamp.

Achieving energy saving of up to 40% while providing higher quality light for the work space user.

SPECIFICATIONS

Dimmable LED Lamp

Lamp height:	**535mm**
LED Power:	**6 Watt**
LED Luminous Flux:	**440 Lumen**
LED Colour Temperature:	**3000 K**
LED Colour Rendering Index:	**>80 CRI**
LED Life span:	**50 000 hours**
Warranty:	**5 Years**

OPTIONS

Standard Body Colours:

White

Black

Dual source lighting:

- Reduce ambient lighting to 205 lux.
- Resulting in up to 40% energy saving.

Single light source   Dual light source

D4 SPIKE ranges offers USB / Power connectivity with a high quality LED task light that is dimmable, single shadow, low glare light for even further ergonomic and energy saving benefits.

The location of the SPIKE (either to the left or right of the work space) not only convenience for USB Power connection but also goes to further improve the ergonomic condition by eliminating reflective glare from the desktop.

Importance of dual source lighting location:

- Eliminates reflective glare from lamp.
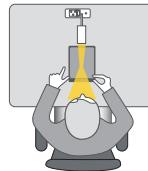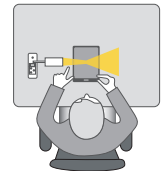
Reflective glare   Reflective glare avoided

Source: www.lumastream.com "Effects of work space lighting technologies on perception, cognition and affective state".

D 4 — SPIKE PRO USB LAMP

ELECTRICAL FURNITURE SPECIALISTS

Too bright, too dull, too much glare – lighting (alongside air conditioning) is often one of the most contentious factors in a workplace. Office teammates need illumination to read, write, type and interact. Yet many workplaces get it wrong and fail to consider the downsides of poor lighting.

Task ambient lighting (aka dual source lighting) is the solution. It's not just adding an adjustable task light, it also reduces the overhead lighting to lower levels.

Our USB LED Desk Lamp delivers a bright high quality task light to your workspace. Maximizing your productivity and enhancing your mood. It doubles as a great light source specifically designed to enhance your appearance on Video Calls & Live Broadcasts. Exceptional colour accuracy (CRI > 90%) and a colour temperature of 4000 Kelvin make for an incredibly soft bright light.

Added benefits include Unique Ring design and Low power consumption. With no UV Emissions, this Task Light is the perfect Home/Office Lamp.

SPECIFICATIONS

USB Power source min. requirement:	5V 2A
Lamp height:	410mm
LED Power:	10 Watt
LED Colour Temperature:	4000K 400LM
LED Colour Rendering Index:	>90 CRI

OPTIONS

Standard Body Colours:

White   **Black**

APPROVALS

- South Africa Letter of Authority LOA certificate number: 172190/001

Dual source lighting concept:

- Reduce ambient lighting.
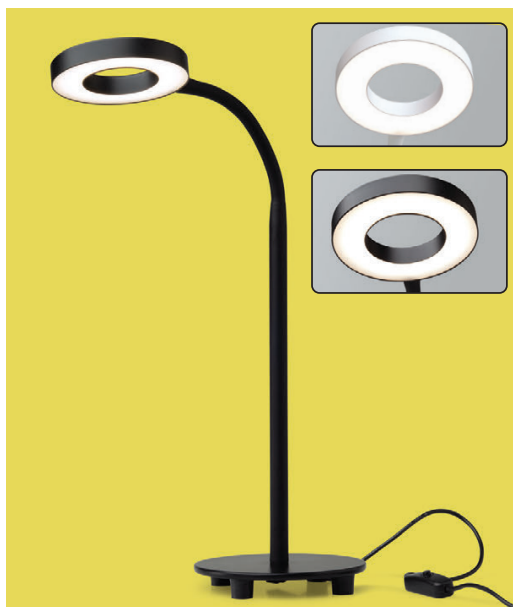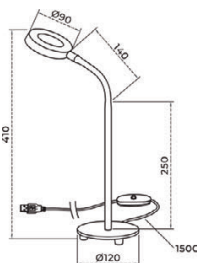- Resulting in up to 40% energy saving.

Single light source   Dual light source

Importance of dual source lighting location:

- Eliminates reflective glare from lamp.
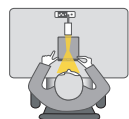
Reflective glare   Reflective glare avoided

Wireless charging technology had a slow start with various rival technologies competing.

With the advent of Apple recently selecting the Qi (pronounced "chee") for its iPhones it is expected to accelerate the roll-out of wireless charging.

Qi is similar to how a wireless electric toothbrush recharges. Initially only 2,5 Watt charging were allowed for a relatively slow charge but now 5 Watt and even 10 Watt systems are comparable to wired charges.

Wireless charging is set to take over from wired charging with efficiencies of up 85% already commonplace.

MICRODOT WIRELESS QI CHARGER

- Direct mains powered 220 VAC
- 10 Watt
- QI Compatible
- Available in Black or White
- Available with direct wired or daisy chain connection
- **Foreign Object Detect (FOD)** - Safety system to protect charger with automatic recovers after 2 min. when object has been removed
- **Dynamic Power Lock (DPL)** - Safety system to shut down when power input below minimum level
- **LED status**
  - **LEDs OFF** – system in Standby mode
  - **Blue LED ON** when power is being transferred and DPL latched
  - **Red LED ON** when DPL not latching
  - **Red LED FLASHING FOD** triggered

Cut-out size ø 58mm. Max. top thickness 35mm.

Wireless charging technology had a slow start with various rival technologies competing.
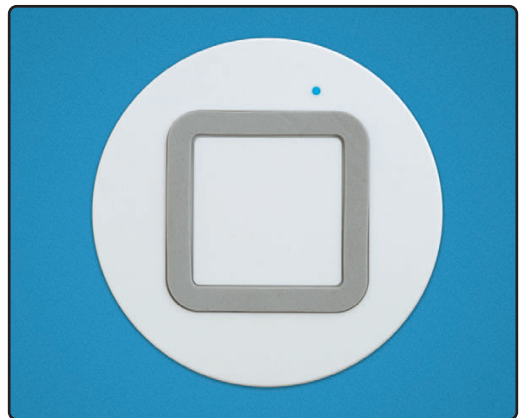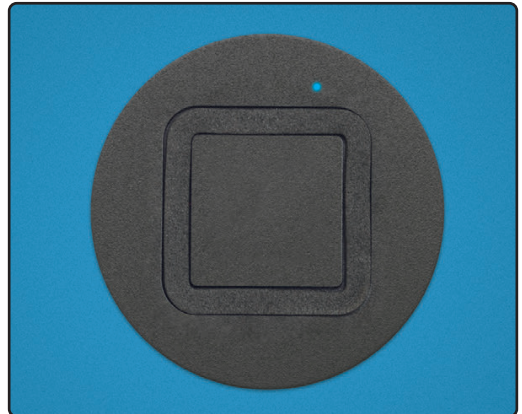
With the advent of Apple recently selecting the Qi (pronounced "chee") for its iPhones it is expected to accelerate the roll-out of wireless charging.

Qi is similar to how a wireless electric toothbrush recharges. Initially only 2,5 Watt charging were allowed for a relatively slow charge but now 5 Watt and even 10 Watt systems are comparable to wired charges.

Wireless charging is set to take over from wired charging with efficiencies of up 85% already commonplace.

QI DESKTOP CHARGER

- Foldable QI Desktop Charger
- Three charge coils for Landscape or portrait orientation charging
- 10 Watt (provided supply USB is USB-QC or USB-PD capable of 18 Watt or greater)
- USB Type-C connection

(to be used with USB charger)

A stylish extension cord accessory for charging your electronics, ideal for soft seating office spaces.Designed to be tucked into a couch or under a cushion. Patented design. Solid Aluminium Construction.

Two installation options:
  a. Temporary tuck-in.
  b. Thru-wire permanent.

A 4 meter cord included.

MODULE OPTIONS

Socket Module
- Compact South African socket – Compatible with 2-pin and new 3-pin SA pin patterns.

USB C Module
- USB - PD 5V/3A (15W) ; 9V/2.22A (20W) ; 12V/1.67A (20W)
- USB - QC 3.0/2.0 5V/3A (15W) ; 9V/2A (18W) ; 12V/1.5A (18W)

USB A Module
- USB - PD 5V/3A (15W) ; 9V/2.22A (20W) ; 12V/1.5A (18W)
- USB - QC 3.0 QC 3.0/2.0 5V/3A (15W) ; 9V/2A (18W) ; 12V/1.5A (18W)

USB Type-C and A Module

Input : 15 Watt, 100-240V~, 0.4A, 50/60Hz

Output :
(USB-C or USB-A used independantly
- USB Type-C : 5V⎓ 3A
- USB Type-A : 5V⎓ 3A

(USB-C or USB-A used simultaneously)
- Shared 5V⎓ 3A

COLOUR OPTIONS

Standard Body Colours:

Anodised Silver body   Powder coated Black body

Custom colours and personalised laser engraving available on request, at an additional fee.

USB - THE PAST

USB standard was designed to transfer data and started being used to charge small electronic devices.

USB 2.0 gave us 2,5W charging then USB 3.0 was capable of 4,5 Watt with USB BC1.2 then 7,5Watt. With this increase in power capabilities, data transfer rates also increased exponentially. For example from 10 Gig of data in just under 2 minutes on USB 2.0 to less than 20 seconds in USB 3.0.

Most recognizable by the traditional USB Type – A connectors. Later version of USB 3.0 has had blue inserts to identify them.

USB - THE FUTURE

In 2012 USB Power Delivery (PD) specification was released. Power Delivery is focused on providing the ability for devices to safely and easily draw more power than the 7,5 Watt limit, all the way up to 100 Watts. Along with USB-PD as a power system, the traditional USB- Type A connector has also undergone an upgrade to USB Type-C, which is more compact, reversable, support more protocols such as HDMI, VGA at the same time as delivering power up to 100W and data speeds of 10Gbps (that 10 Gig file can be theoretically transferred in 1 second).

USB-PD is set to rival the traditional AC outlet. With electronics increasingly being able to accept higher speed charging via USB-PD and lower power laptops, tables and module phones, this technology will roll out faster than any other previous USB upgrade.

USB-PD chargers are intelligent and able to integrate the device being charged as well as the cable delivering the power. This intelligent handshaking sequence profiles the USB-PD system into 5 profiles as well as allowing for Bi-directional power delivery.

A battery bank being charged via USB-PD can reverse and become the power source should it need to.

USB PD   POWER PROFILES

Device	Profile	Power
Hand-held devices, today's peripherals	**PROFILE 1** 5V @ 2A	**10W** Default start-up profile
Tablets, notebooks, most peripherals	**PROFILE 2** 5V @ 2A, 12V @ 1.5A	**18W**
Thinner notebooks, larger peripherals	**PROFILE 3** 5V @ 2A, 12V @ 3A	**36W**
Larger notebooks, hubs, docks	**PROFILE 4** 5V @ 2A, 12V, 20V @ 3A	**60W** Limit for Micro-B/AB connector
Workstations, hubs, docks	**PROFILE 5** 5V @ 2A, 12V, 20V @ 5A	**100W** Limit for Standard A/B connector

The future of single power source and single cables handling Power, HDMI, Display Port, VGA, Ethernet with speed of 10 Gbit/s all via a single reversable connector will transform workspaces.

iPhone x Battery Percentage by Charging Method (15 Minute Intervals)

	5W Wireless	5W Wired	7.5W Wireless	12W Wired	18W USB-C	29W USB-C	30W USB-C	87W USB-C
				72%	79% / 68%	78% / 66%	77% / 65%	79% / 66%
60 Min.	38%	39%	46% / 36%	56%	49%	49%	45%	49%
45 Min.	29%	30%	27%	39%	28%	27%	26%	27%
30 Min.	20%	21%	14%	21%				
15 Min.	11%	11%						
0 Min.	1%	1%	1%	1%	1%	1%	1%	1%

90% 80% 70% 60% 50% 40% 30% 20% 10% 0%
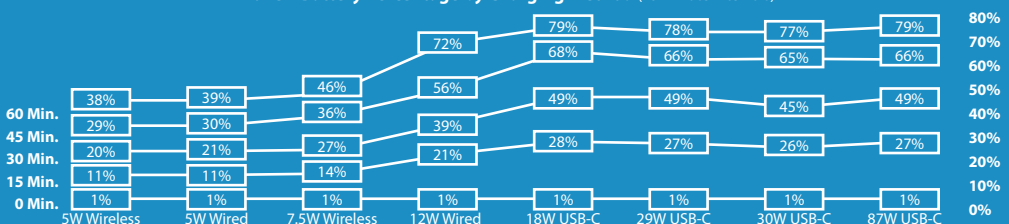
USB A 18W	USB C+A 15W	USB C PD20W	USB C+A PD22W	USB C+A PD48W	USB C+A PD60W	USB C+A 15W	USB C+A PD30W	Maximum Module Power	
18W	15W		18W	18W	10.5W	15W	12W	USB-A POWER	USB TYPE A
✓			✓	✓				QUICK CHARGE TECHNOLOGY	
	15W	20W	22W	48W	60W	15W	30W	USB-C POWER	USB TYPE C
		✓	✓	✓	✓		✓	USB-C POWER DELIVERY TECHNOLOGY	
SINGLE OUTPUT		SINGLE OUTPUT	✓	✓	✓		✓	SMART POWER SHARE TECHNOLOGY	
SINGLE OUTPUT	15W	SINGLE OUTPUT	22W	18W	10.5W	15W	12W	USB-A	SHARED POWER
SINGLE OUTPUT	15W	SINGLE OUTPUT	22W	30W	46W	15W	20W	USB-C	
✓	✓	✓	✓	✓	✓	✓	✓	REVERSIBLE USB CONNECTOR	
✓		✓	LED DISPLAY	LED DISPLAY	✓			POWER INDICATOR	
✓	✓	✓	✓	✓	✓	✓	✓	NRCS APPROVED	
$	$	$	$$	$$$$	$$$	n/a	n/a	PRICE (relative)	

USB-C+A 15WATT

Charger with a shared power of 15Watts maximum across both USB type C and USB type A connectors.
- Available in Black and White.
- Size: 0.50 Modules width.

USB-A 18WATT QC

Quick Charger delivering 18Watts of power maximum - USB type A connector.
- Available in Black and White with Blue power-on LED.
- Size: 0.50 Modules width.

USB-C 20WATT PD

Latest technology power delivery (PD) rated 20Watt hi-speed charger - USB type C connector.
- Available in Black and White with Blue power-on LED.
- Size: 0.50 Modules width.

USB-C+A 22WATT PD

New Technology combination charger with shared power of 22Watts maximum across both USB type C and USB type A connectors.
- available in Black and White with LED display showing the power output.
- Size: 0.50 Modules width.

USB-C+A 48WATT PD

New Technology combination charger with shared power of 48Watts maximum across both USB type C and USB type A connectors.
- available in Black and White with LED display showing the power output.
- Size: 1.00 Modules width.

USB-C+A 60WATT PD

Most powerful power delivery (PD) rated hi-speed charger with a shared power of 60Watts maximum across both USB type C and USB type A connectors.
- Available in Black and White with Blue power-on LED.
- Size: 2.00 Modules width.

D4 fast charging compact dual USB A + USB Type-C 15W charger. Best of both options, ideal solution for charging smaller mobile devices such as smart phones and tablets simultaneously.

FEATURES

Both USB A + USB Type-C with a total of 15W shared power output.

- USB-A charger max 15W Bi-directional connector, unique to D4.
- USB Type-C charger connector max. 15W.
- USB-A: Auto indentifies to Apple 2.4A, Samsung 2A and BC1.2.
- USB Type-C port tested to withstand over 10,000 insertions and withdrawals.
- Current, voltage and temperature overload protection.
- Short circuit protection.
- USB Type-C provides faster charging and is the new standard port on many phones, tablets, Nintendo Switch devices, laptops and 3C devices.
- Module can be integrated into any Powerset series from the D4 range.

SPECIFICATIONS

Input : 15 Watt, 100-240V~, 0.4A, 50/60Hz

Output :
(USB-C or USB-A used independantly)
- USB Type-C : 5V⎓ 3A
- USB-A : 5V⎓ 3A

(USB-C or USB-A used simultaneously)
- Shared 5V⎓ 3A

OPTIONS

- Available in Black and White.

APPROVALS

- South Africa Letter of Authority LOA certificate number: 185842
- SANS IEC 62368-1
- IEC 61000-3-2
- IEC 61000-3-3
- CISPIR 32: 2015
- CISPIR 35: 2016

D4 High specification 18W conditioning charger.

D4 fast charging module for mobile devices/tablets (3,0 Amp for USB devices).

Bi-directional USB-A socket, unique to D4.

Power indicator LED with Auto On/Off.

FEATURES

- USB-A QC18W fast charging for mobile phones/tablets (Example – latest Samsung/Huawei from 0% to 50% in 30 mins).
- Fast Charging Technology: Qualcomm QC (quick charging). Compatible protocol: QC3.0/QC2.0/AFC/FCP/BC1.2/Apple 2.4A.
- Power overload protection.
- Temperature overload protection.
- Over Current Protection (OCP); Over Voltage Protection (OVP); Short Circuit Protection.

SPECIFICATIONS

Input: 18Watt, 100-240V~ 0.5A, 50/60Hz
Output: USB - PD 5V/3A; 9V/2A; 12V/1.5A
USB - QC3.0 output range: 3.6Vdc~ 12Vdc

Output Mode	Output Voltage	Max. Load	Output Power
Standard Mode	5V dc	3A	15W
Smart Mode (Automatic)	9V dc	2A	18W
	12V dc	1.5A	18W

OPTIONS

- Available in Black and White.

APPROVALS

- IEC 60950-1
- IEC 62368-1
- IEC 61000-3-2
- IEC 61000-3-3
- CISPR 32:2015
- CISPR 35:2016
- South Africa letter of Authority LOA certificate number: 164404

Ideal solution for smaller mobile devices such as smart phones and tablets.

The USB Type-C 20W Power Delivery Module is our best charger for the new iPhone/iPad.

This innovative charging technology charges any electronic device without an external power supply unit, quickly and safely.

Charge a smart phone up to 50% in just 30 minutes.

Power indicator LED with Auto On/Off.

FEATURES

- USB Type-C Bi-directional connector.
- Latest USB Type-C PD/QC fast charging for smart phones and tablets.
- Fast Charging Technology: USB Type-C USB-IF PD (Power Delivery) and Qualcomm® Quick Charge™(QC).
- USB Type-C ports tested to meet the industry requirement to withstand over 10,000 insertions and withdrawals.
- Compatible protocol: PD3.0/QC3.0/QC2.0/AFC/FCP/BC1.2/Apple 2.4A.
- Current, voltage and temperature overload protection.
- Short circuit protection.
- FAST CHARGING: The smart chip ensures each device gets the power level it needs to charge fast and efficiently.
- Module can be integrated into any Powerset series from the D4 range.

OPTIONS

- Available in Black and White.

APPROVALS

- South Africa Letter of Authority LOA certificate number: 147660
- SANS IEC 60950-1
- IEC 61000-3-2
- CISPIR 32: 2015
- SANS IEC 62368-1
- IEC 61000-3-3
- CISPIR 35: 2016

SPECIFICATIONS

Input : 20 Watt, 100-240V~, 0.5A, 50/60Hz

Output :

- **USB 3.1 PD mode**
  5V⎓ 3A/9V⎓ 2.22A(20W)/12V⎓ 1.67A(20W)
- **Qualcomm® QC 3.0/2.0/AFC/FCP mode**
  5V⎓ 3A(15W)/9V⎓ 2A(18W)/12V⎓ 1.5A(18W)

iPhone x Battery Percentage by Charging Method (15 Minute Intervals)
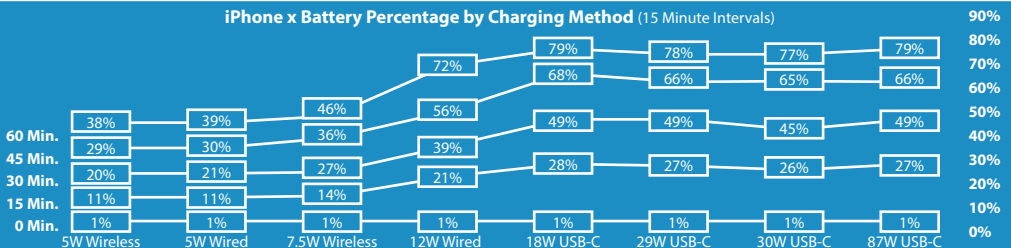
	5W Wireless	5W Wired	7.5W Wireless	12W Wired	18W USB-C	29W USB-C	30W USB-C	87W USB-C
60 Min.	38%	39%	46%	72%	79% / 68%	78% / 66%	77% / 65%	79% / 66%
	29%	30%	36%	56%				
45 Min.	20%	21%	27%	39%	49%	49%	45%	49%
30 Min.	11%	11%	14%	21%	28%	27%	26%	27%
15 Min.	1%	1%	1%	1%	1%	1%	1%	1%
0 Min.								

Scale: 0% 10% 20% 30% 40% 50% 60% 70% 80% 90%

This D4 combination USB-A + USB Type-C 22Watt Fast charger with intelligent digital LED power display is the most compact solution for charging two devices simultaneously.

FEATURES

- Intelligent digital LED Power Display indicating the Power Delivery (PD) charging in Watts, for the real time monitoring of the power output at a glance.
- Latest Fast Charging Technology USB Type-C, USB-IF Power Delivery (PD) and Qualcomm Quick Charge (QC) with Power Dynamic Allocation Function. This means that when both ports are used, the Smart chip inside ensures that each device connected, has the optimum charging power level needed.
- Intended for charging electronic devices like Smartphones and Tablets, Bluetooth speakers, Powerpacks & gaming accessories quickly and safely.
- The USB-A connector is Bi-directional, a feature unique to D4. This means that you can rotate the plug either way and it will still plug in first time.
- The USB Type-C is now the universal port on most electronic devices and is also Bi-directional.
- USB Type-C connector tested to meet the industry requirement to withstand over 10,000 insertions and withdrawals.
- Peace of mind with Temperature, Over Current, Over Voltage and Short Circuit Protection.
- Can be integrated into any Powerset series from the D4 Range.

Bluetooth

COLOUR OPTIONS

- Available in Black and White.

SPECIFICATIONS

Power Source (Input) 100-240V / AC
Power Amperage 0.6A
Power Frequency 50/60 Hz

Single Output when used independently
USB Type-C 22Watts:
- **PD :** 5V⎓ 3A   9V⎓ 2.44A   12V⎓ 1.83A
- **QC :** 5V⎓ 3A   9V⎓ 2A   12V⎓ 1.5A

USB-A 18 Watts:
- **QC :** 5V⎓ 3A   9V⎓ 2A   12V⎓ 1.5A

Output when used simultaneously in fast charging
USB Type-C with USB-A = 15Watts: 5V⎓ 3A
*the quality of cable is also an important factor to consider
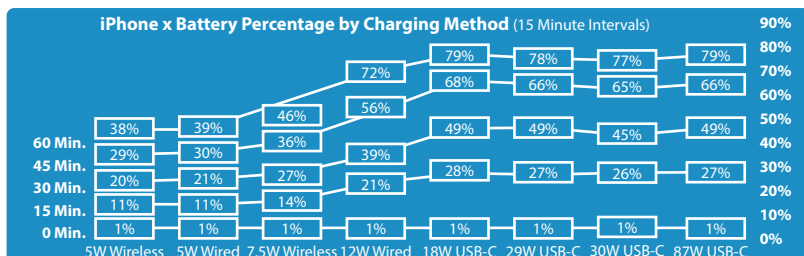
APPROVALS

- South Africa Letter of Authority LOA certificate number: 203220
- SANS IEC 60950-1
- SANS IEC 62368-1
- IEC 61000-3-2
- IEC 61000-3-3
- CISPIR 32: 2015
- CISPIR 35: 2016
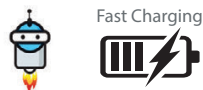
Fast Charging

iPhone x Battery Percentage by Charging Method (15 Minute Intervals)

	5W Wireless	5W Wired	7.5W Wireless	12W Wired	18W USB-C	29W USB-C	30W USB-C	87W USB-C
				72%	79%	78%	77%	79%
					68%	66%	65%	66%
			46%	56%				
60 Min.	38%	39%	36%		49%	49%	45%	49%
45 Min.	29%	30%		39%				
30 Min.	20%	21%	27%	21%	28%	27%	26%	27%
15 Min.	11%	11%	14%					
0 Min.	1%	1%	1%	1%	1%	1%	1%	1%

90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

This D4 combination USB-A + USB Type-C 48Watt Super-Speed Fast charger with intelligent digital LED Power Display is the ideal solution for charging two devices simultaneously.

FEATURES

- Intelligent digital LED Power Display indicating the Power Delivery (PD) charging in Watts, for the real time monitoring of the power output at a glance.
- Latest Fast Charging Technology USB Type-C, USB-IF Power Delivery (PD) and Qualcomm Quick Charge (QC) with Power Dynamic Allocation Function. This means that when both ports are used, the Smart chip inside ensures that each device connected, has the optimum charging power level needed.
- Purpose Built for charging single power-hungry devices, such as Laptops or multiple electronic devices like Smartphones and Tablets without an external power supply, quickly and safely.
- The USB-A connector is Bi-directional, a feature unique to D4. This means that you can rotate the plug either way and it will still plug in first time.
- The USB Type-C is now the universal port on most electronic devices and is also Bi-directional.
- USB Type-C connector tested to meet the industry requirement to withstand over 10,000 insertions and withdrawals.
- Peace of mind with Temperature, Over Current, Over Voltage and Short Circuit Protection
- Can be integrated into any Powerset series from the D4 Range.

Bluetooth

APPROVALS

- South Africa Letter of Authority LOA certificate number: 203221
- SANS IEC 60950-1
- SANS IEC 62368-1
- IEC 61000-3-2
- IEC 61000-3-3
- CISPIR 32: 2015
- CISPIR 35: 2016

Super Fast Charging

COLOUR OPTIONS

- Available in Black and White.

SPECIFICATIONS

Power Source (Input) 100-240V / AC
Power Amperage 1.2A
Power Frequency 50/60 Hz

Single Output when used independently
USB Type-C 48Watts:
- **PD :** 5V/9V/12V/15V⎓ 3A and 20V⎓ 2.4A
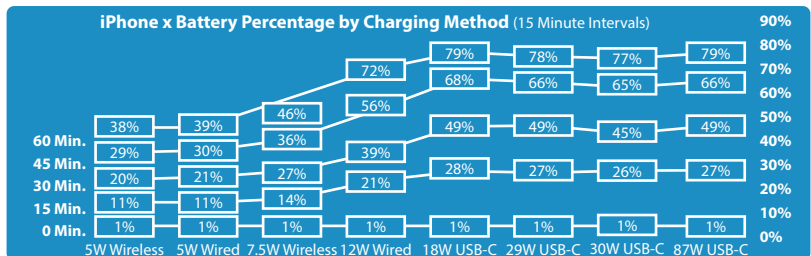- **QC :** 5V⎓ 3A   9V⎓ 2A   12V⎓ 1.5A

USB-A 18 Watts:
- **QC :** 5V⎓ 3A   9V⎓ 2A   12V⎓ 1.5A

Output when used simultaneously in fast charging
USB Type-C 30Watts + USB-A 18Watts = 48Watts
*the quality of cable is also an important factor to consider

iPhone x Battery Percentage by Charging Method (15 Minute Intervals)								
					79%	78%	77%	79%
			72%		68%	66%	65%	66%
		46%	56%					
60 Min.	38%	39%	36%		49%	49%	45%	49%
45 Min.	29%	30%		39%				
30 Min.	20%	21%	27%	21%	28%	27%	26%	27%
15 Min.	11%	11%	14%					
0 Min.	1%	1%	1%	1%	1%	1%	1%	1%
	5W Wireless	5W Wired	7.5W Wireless	12W Wired	18W USB-C	29W USB-C	30W USB-C	87W USB-C

90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

Ideal solution for small to medium sized devices as well as higher-powered notebooks.

This innovative charging technology charges any electronic device without an external power supply unit, quickly and safely.

Charge a smart phone up to 50% in just 30 minutes.

USB Type-C provides faster charging and is the new standard port on many phones, tablets, Nintendo Switch devices, laptops and 3C devices.

Power sharing technology allows the system to share 60 Watts of total power available between USB Type-C PD and QC (maximum 60W) and USB-A (maximum 10W).

Power indicator LED with Auto On/Off.

FEATURES

- USB-A Bi-directional connector, unique to D4.
- Latest USB Type-C PD/QC fast charging with Power Dynamic Allocation function.
- Fast Charging Technology: USB Type-C, USB-IF PD (Power Delivery) and Qualcomm® Quick Charge™(QC).
- Compatible protocol: PD3.0/QC3.0/QC2.0/AFC/FCP/BC1.2/Apple 2.4A.
- USB Type-C ports tested to meet the industry requirement to withstand over 10,000 insertions and withdrawals.
- Current, voltage and temperature overload protection.
- Short circuit protection.
- POWERFUL: Charge for minutes, enjoy for hours. The most powerful USB charger on the market with 60W of power on a single port.
- FAST CHARGING: Smart chip ensures each device gets the power level it needs to charge fast and efficiently.
- Module can be integrated into any Powerset series from the D4 range.

OPTIONS

- Available in Black and White.

SPECIFICATIONS

Input : 60 Watt, 100-240V~, 1.5A, 50/60Hz

Output : (USB Type-C or USB-A used independently)

- **USB-C** : PD : 5V⎓ 3A/9V⎓ 3A/15V⎓ 3A/20V⎓ 3A
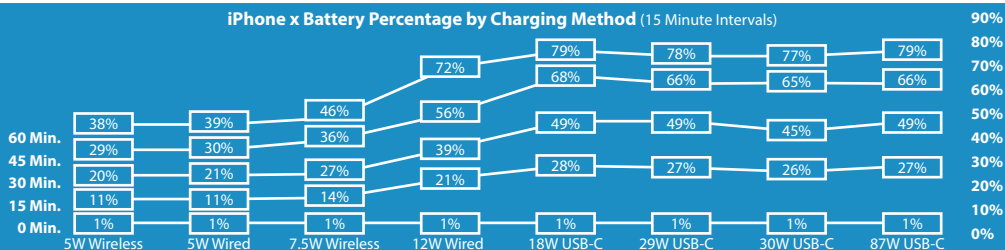 QC : 5V⎓ 3A/9V⎓ 2A/12V⎓ 1.5A
- **USB-A** : 5V⎓ 2.1A

(USB Type-C and USB-A used simultaneously)

- **USB-C** : PD : 5V⎓ 3A/9V⎓ 3A/15V⎓ 3A/20V⎓ 2.3A
  QC : 5V⎓ 3A/9V⎓ 2A/12V⎓ 1.5A
- **USB-A** : 5V⎓ 2.1A

APPROVALS

- South Africa Letter of Authority LOA certificate number: 143889
- SANS IEC 60950-1
- SANS IEC 62368-1
- IEC 61000-3-2
- IEC 61000-3-3
- CISPIR 32: 2015
- CISPIR 35: 2016

iPhone x Battery Percentage by Charging Method (15 Minute Intervals)

	5W Wireless	5W Wired	7.5W Wireless	12W Wired	18W USB-C	29W USB-C	30W USB-C	87W USB-C
60 Min.	38%	39%	46% / 36%	72% / 56%	79% / 68%	78% / 66%	77% / 65%	79% / 66%
45 Min.	29%	30%			49%	49%	45%	49%
30 Min.	20%	21%	27%	39%	28%	27%	26%	27%
15 Min.	11%	11%	14%	21%				
0 Min.	1%	1%	1%	1%	1%	1%	1%	1%

POWER
MODULES

ELECTRICAL FURNITURE SPECIALISTS

RSA 16 Amp 3 Pin socket with Compact RSA 16 Amp 3 Pin socket with Blue power-on LED.
Available in White and Black.
Size: 2.00 modules width

RSA 16 Amp 3 Pin socket with Blue power-on LED.
Available in White and Black.
Size: 1,00 modules width

RSA Dedicated 16 Amp 3 Pin socket with Compact RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Red .
Size: 2.00 modules width

Twin Compact RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Red. (SANS 164-2-1)
Size: 1,25 modules width

RSA 16 Amp 3 Pin socket with Blue power-on LED.
Available in White and Black.
Size: 1,25 modules width

Twin Compact RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Blue. (SANS 164-2-1)
Size: 1,25 modules width

RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Red.
Size: 1,25 modules width

Twin Compact RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Black. (SANS 164-2-1)
Size: 1,25 modules width

RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Blue.
Size: 1,25 modules width

Overload Switch - Power switch as well as thermal overload switch with manual safety reset.
Available in Black and White with Blue power-on LED. (SANS 164-2-1)
Size: 0,50 modules width

RSA Dedicated 16 Amp 3 Pin socket with Blue power-on LED.
Available ONLY in Black.
Size: 1,25 modules width

Round South African 16 Amp 2 Pin Socket 164-6 (no Earth) with Blue power-on LED.
Available in White and Black.
Size: 1,00 modules width

Twin Compact RSA 16 Amp 3 Pin socket with Blue power-on LED.
Available in White and Black.
Size: 1.25 modules width

Schuko socket
(FOR EXPORT ONLY).
Available in White and metallic grey.
Size: 1,00 modules width

EXPORT ONLY

Compact RSA 16 Amp 3 Pin socket with Blue power-on LED.
Available in White and Black.
Size: 0.50 modules width

Universal 13 Amp International Socket
(FOR EXPORT ONLY).
Available in White and metallic grey.
Size: 1,00 modules width

EXPORT ONLY

Circuit Breaker Module (MCB).
6 kA capacity.
Size: 2,00 modules width

VGA + Audio Module
(35 cm fly-lead).
Available in White and Black.
Size: 1,00 modules width

Data Module - Keystone pattern
Available with CAT 6 shuttered jack.
Available in White and Black.
(SANS 164-2-1)
Size: 0,50 modules width

HDMI Module (35 cm fly-lead).
Available in White and Black.
Size: 0,50 modules width

Data Module - SystiMax pattern Available with
CAT 5e, 6 or 6a
un-shuttered jack.
Available in White and Black.
Size: 0,50 modules width

Display Port (35 cm fly-lead).
Available in White and Black.
Size: 0,50 modules width

Data Module - 30-Mech pattern Available with
CAT 5e or 6
un-shuttered jack.
Available in White and Black.
Size: 0,50 modules width

RCA Module (35 cm fly-lead).
Available in White and Black.
Size: 0,50 modules width

Data Pass Thru Module - Allows for standard data
fly-leads to be presented conveniently for users.
Available in White and Black.
Size: 0,50 modules width

USB Module (35 cm fly-lead).
Available in White and Black.
Size: 0,50 modules width

Data Pass Thru Module Version 2 -
Allows for standard data fly-leads to be presented
conveniently for users.
Available in White and Black.
Size: 0,50 modules width

POWER CABLES

Supply Cable
Standard

Supply Cable
Dedicated

Interconnect Standard

Interconnect
Dedicated

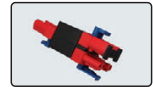| Sizes Available (metres)					
Supply Cables:	2.0	3.0	5.0	7.5	10	
Interconnect Cables:	0.5	1.0	1.5	2.0	2.5	3

Single Harness

Y-Harness

Splitter Block Standard

Splitter Block Dedicated

Curly Supply Cable

Curly Interconnect Supply Cable

Twin Curly Interconnect Supply Cable

D4 USB CABLES

Anti-theft security clip moulded onto cable. Cotton Nylon cable braid with Aluminium connector.

- 3 in 1 USB Cable
  - Lightning | Micro | Type-C
- Rating - 2.4A / 5V / 12W
- 1,2 Meter

- USB Type-C to Type-C
- Rating – 3.0A / 16V / 16W
- 1,0 Meter

- USB Type-C to Lightning
- Rating - 2.0A / 9V / 18W
- 1,0 Meter

VERTICAL CABLE DUCT (825H)

- 855mm long cable duct with 2 separate cable ways.
- One for power and one for data.
- Sturdy metal base plate.

HORIZONTAL CABLE RUNWAY

- 1Meter wire cable tray
- Cable exit points every 50mm
- Supplied standard with 1 pair of special hanging brackets
- These allow unclipping from one side to access the plugs easily

CABLE CLIP

- 250mm wide twin arm cable cleat.
- One side for power and one side for data.
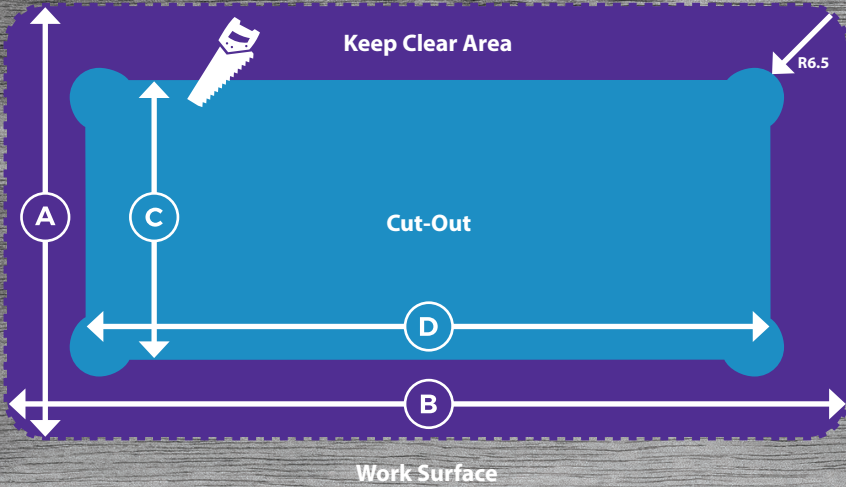- Recommend mounting first and last clip 100mm from edge of the desk and then every 350mm.

BRAIDED CABLE WRAP

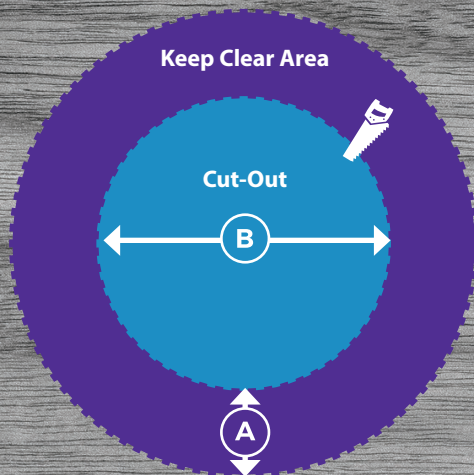- Flexible material with zip.
- Length: 650mm.

Edge of Work Surface

Keep Clear Area

Cut-Out

R6.5

A

C

D

B

Work Surface

Range	Size	Keep-Clear width (mm) A	Keep-Clear length (mm) B	Cut-Out width (mm) C	Cut-Out Length (mm) D	Worktop thickness (mm)
BLADE EVO | ECO	2.00	77	138	59	122	16 - 50mm
BLADE EVO | ECO	2.50	77	163	59	147	16 - 50mm
BLADE EVO | ECO	3.00	77	178	59	162	16 - 50mm
BLADE EVO | ECO	5.00	77	288	59	272	16 - 50mm
BLADE EVO | ECO	5.25	77	300	59	284	16 - 50mm
SPIKE	2.00	82	194	64	178	16 - 50mm
SPIKE	2.50	82	219	64	203	16 - 50mm
SPIKE	3.00	82	244	64	228	16 - 50mm
PIVOT EVO	3.00	155	215	135	195	16 - 50mm
PIVOT EVO	4.25	155	278	135	258	16 - 50mm
PIVOT EVO	5.00	155	317	135	297	16 - 50mm
PIVOT EVO	5.75	155	353	135	333	16 - 50mm
WEDGE	One Size	164	220	144	200	16 - 50mm
HATCH	One Size	120	345	100	325	16 - 50mm
DOUBLE HATCH	One Size	170	345	150	325	16 - 50mm

Range	Size	Keep-Clear width (mm) (A)	Cut-Out width (mm) (B)	Worktop thickness (mm)	Keep-Clear Depth (mm) Underneath the Worktop
DOT | DOT PRO	80mm	115	80	16 - 50	50
DOT EVO | ECO	80mm	115	80	16 - 50	70
MICRO DOT	58mm	95	58	16 - 50	50
WING (No Disc)	30mm	100	80	16 - 50	60
WING (Small Disc)	60mm	100	80	16 - 50	60
WING (Large Disc)	90mm	100	80	16 - 50	60

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D4 is a brand of Design 4 Technologies (Pty) Ltd

SINGLE
One to one application.
These products are 10Amp individually wired Powersets suitable for Home applications.

MULTI
One to many application.
These products are 16Amp Powersets which can be connected in multiples and daisy chained for Office and other commercial applications.

PRO
Corporate one to many application.
These products are 16Amp Powersets which can be connected in multiples and daisy chained for Corporate applications.
This has more complicated aspects, such as premium attention and consulting with regards to cables, installation and on-site warranty.

R2D4 - D4's one stop laboratory manufacturing Bot, 24/7 to maintain excellence in quality and service.

Every D4 Power set has a unique track-able serial number for traceability.

D4's ranges are manufactured from high grade anodized aluminium, designed with an emphasis on aesthetics and compactness.
Metallic housings give the power sets a robust durability.

D4 offers a Future Proof option on projects where Power sets can be return and recycled from the old South African plug standards into the new Compact South African plug standard (Small re-cycling fee applies)

D4 offers a 1 year manufactures "carry-in" warranty on all power sets and cables. In addition a extend "on-site" warranty to 3 years is offered on projects where D4 does the installation. (Conditions apply - Policy document available on request)

Design 4 is an associate member of Safe House Association.

The association has been formed to combat the prevalence of unsafe products and services in South Africa by informing buyers and others that influence buying decisions about the criteria by which to assess these products and services and exposing specific cases of sub-standard products and practices. SAFEhouse is not a consumer body and is not a forum for consumer complaints however,

SAFEhouse welcomes justified, safety-related complaints from any party, including commerce, industry, government and individuals, about members' and non-members' electrical products and services.

Design 4's entire range is approved by the National Regulator for Compulsory Standard (NRCS).

In 2008 with the promulgation of the new Standards Act and the NRCS act. This effectively separated the NRCS from SABS where both organisations operate independently and their management boards report directly to the Minister of Trade and Industry (DTI).

Thus in today's terms, electrically speaking: SABS approval no longer means NRCS approval.

Design 4's D4 ranges are proudly 100% South African Designs. D4 products proudly have a local content of 75%.

All of D4's products are assembled in South Africa.

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