



All prices include VAT

Rapid



For full details and pricing visit
www.rapidonline.com

Rapid part of the **CONRAD** Group

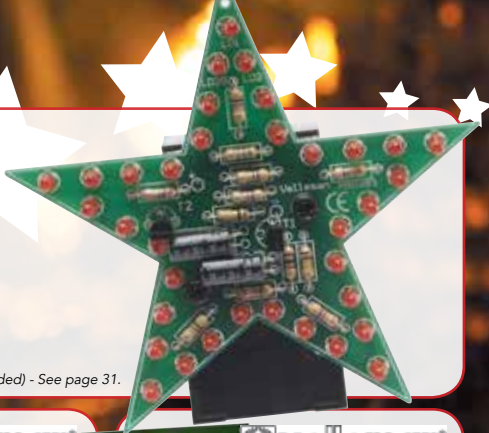


MK169R Flashing Red LED Star Electronics Kit

£6.36

Order code 70-4410

Kit requires 1x PP3 battery (not included) - See page 31.

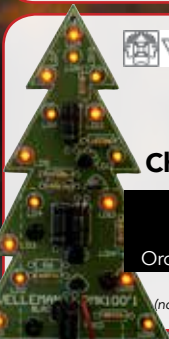


MK100 Electronic Christmas Tree

£4.54

Order code 70-4382

Kit requires 1x PP3 battery
(not included) - See page 31.



MK117 De Luxe Christmas Tree

£11.63

Order code 70-4384

Power supply 9-12Vdc or
1x PP3 battery (not supplied)
See page 31.



MK116 Riding Santa Kit

Power supply 9-12Vdc or
1x PP3 battery (not supplied)
See page 31.

£15.04

Order code 70-4000





/rapidonline

RAPID LED CHRISTMAS TREE PROJECT KIT

A kit of parts for a simple to build festive project.
Supplied with comprehensive instructions.

- Size of finished tree: height 105mm, width (max.) 65mm
- Video tutorial available on our YouTube channel

Kit requires 1x PP3 battery (not included) - See page 31.

£4.19

Order code 70-1000



velleman

MK130 3D Christmas Tree Electronics Kit

Power supply 9-12Vdc or 1x
PP3 battery (not supplied)
- See page 31.

£9.31

Order code 70-4386



velleman

MK142 SMD Christmas Tree Electronics Kit

Power supply CR2032
battery (not supplied)
- See page 31.

£5.14

Order code 70-4392

MORE THAN JUST A ROBOT

£41.99

Order code 70-6555

Edison 2.0

Edison can be programmed using free browser-based or downloadable applications which cater for all age groups and skill levels.

- Respond to light and sound • Follow lines and avoid obstacles
- Read pre-set barcode programs • Communicate with other Edison robots

ozobot[®]

If you are new to programming robots and don't know where to start, look no further than Ozobot.

Only

£39.59

Titanium Black
Order code 70-8201

Crystal White
Order code 70-8200

5 Progressive levels of programming difficulty

Ozo **Blockly**

Line tracking robot

No Cables,
no Bluetooth,
just scan!

Compatible with almost
any PC, laptop, Mac or
tablet



mBot Ranger



£149.94

Order code 75-0699

Makeblock
Construct Your Dreams

mBot Ranger

The Transformable STEM Robot Kit

The mBot Ranger builds on the basics of the mBot but includes a more powerful main board, more sensors and more structural parts. The instructions show you how to use the kit to build 3 very different robots – the Land Raider off road tank, Dashing Raptor and self-balancing Nervous Bird.

mBot Ranger includes a light sensor, ultrasonic distance sensor, line follower, gyroscope, temperature sensor and sound sensor. It also has 12 RGB LEDs and a buzzer for outputs.

Programming the mBot Ranger

You can program the mBot Ranger using mBlock for Windows PCs and Mac or Makeblock HD for iPad and Android tablets.





From only
£79.94

mBot V1.1

STEM Robot Kit

The mBot is the perfect introduction to Makeblock. It's quick and easy to assemble but has plenty of sensors to keep your students interested. mBot has an ultrasonic distance sensor, can measure light levels, has a line follower and has a buzzer and RGB LED for outputs. The infrared sensors can be used to send messages and data between mBots and the robot can also be controlled with the infrared controller included in the kit (requires CR2025 coin cell).

Do I need the Bluetooth or 2.4GHz version?

The version you need depends on how you want to program your mBot. Essentially, the Bluetooth version is used if you want to program using an iPad or Android tablet and the 2.4GHz version is used if you want to use a Windows desktop PC, laptop or a Mac (although these can be used to program the Bluetooth version if the computer has a compatible Bluetooth feature)

Programming Software	For device type	mBot Bluetooth	mBot 2.4GHz
mblock	Windows and Mac	✓*	✓
Makeblock HD	Tablets - iPad3 and above or Android 4.0 and above	✓	✗
mBot	Smart phones - iPhone 4S and above or Android 2.3 and above	✓	✗
mBlocky	Tablets - iPad3 and above	✓	✗

Makeblock
Construct Your Dreams

Order Code	Description	Price
75-0701	mBot v1.1 2.4GHz	£85.94
75-0702	mBot v1.1 Bluetooth	£79.94

* Your PC or Mac must support Bluetooth 4.0



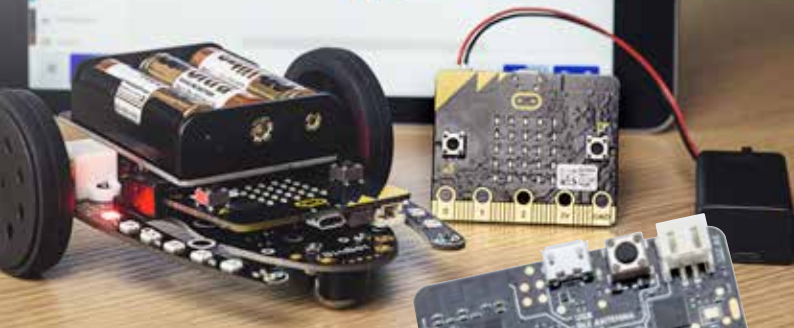
Airblock

Modular & Programmable Hexacopter Drone

The Makeblock Airblock is a modular and programmable aircraft that is versatile and easy-to-use, and can transform from hexacopter drone into a hovercraft or even a custom design, where propellers can be connected in many different ways, with the performance parameters of the individual propeller modules being individually programmable.

Only
£165.60

Order code
75-0714



The BBC micro:bit is an educational platform which is perfect for learning the basics of coding and getting started with embedded computing. It's a low cost but feature-packed device that will inspire both students and teachers to get excited, engaged and enthralled by STEM education.

£12.59

Order code
75-0115



STARTER KIT

Kit includes:

- 1x micro:bit board
- 1x 1m USB download cable
- 1x switched battery box
- 2x AAA batteries

£14.99

Order code 75-0116



**SWITCHED
BATTERY
BOX 2 X AAA**

£0.948

Order code 18-2899



**USB 2.0 CABLE
TYPE A TO MICRO
B BLACK 1M**

£1.12

Order code 45-4009

BIT:BOT

The Bit:Bot Robot is a feature-packed little robot that is almost ready to go, requiring no soldering, no wires and nothing more than a screwdriver to complete it.

- 2x motors
- Super-smooth metal ball front caster
- 12x neopixel LEDs
- 2x line following sensors
- 2x analogue light sensors
- Sounder for making beeps wherever you go!
- Expansion connections for adding the Ultrasonic Distance Sensor

Batteries and micro:bit sold separately - see page 31 for batteries



4tronix

£35.70

Order code 75-0117

Accessories for both Robots are available at www.rapidonline.com

4tronix

ROBO:BIT BUGGY

The Robo:Bit buggy can be assembled very quickly using only a screwdriver. No soldering is required making it a great beginners kit and the chunky wheels and powerful motors mean it works well on any surface.

Batteries and micro:bit sold separately - see page 31 for batteries



£26.40

Order code 75-0123

Official Raspberry Pi 3 Starter Kit

£118.80

Order code
75-0764



Welcome to the world of Raspberry Pi with the Raspberry Pi 3 Official Starter Kit.

What is the Raspberry Pi 3 Official Starter Kit?

This kit contains all you need to get involved in the world of Raspberry Pi, Single Board Computers (SBC), the Internet of Things (IoT), Wi-Fi applications, and a whole lot more. You will be able to learn, experiment, design, produce, refine, program, invent, and enjoy - whether it be in the laboratory, classroom, man-cave, woman-cave, workshop or kitchen table.

- Perfect introduction to Raspberry Pi
- Everything you need to get started
- High quality construction
- ARM Cortex-A53 MCU technology
- Create many projects
- Wi-Fi and Bluetooth connectivity



Raspberry Pi 3 Model B

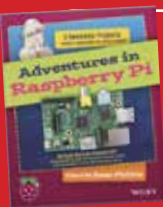
1.2 GHz Quad Core 1GB
RAM WiFi & Bluetooth

£33.80

Order code 75-0650



RaspberryPi



Adventures in Raspberry Pi

by Carrie Anne Philbin

Order code
97-2140

£13.80

Official Pi 3 Model B Case Red/White

Order code
75-0752

£5.94



Raspberry Pi Camera Board v2 8MP

3280 x 2464

Order code 75-0530

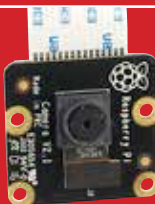
£22.79

Plugtop PSU for Raspberry Pi 3

2.5A 5.1V

Order code
75-0715

£6.96



Raspberry Pi NoIR Camera Board v2 8MP

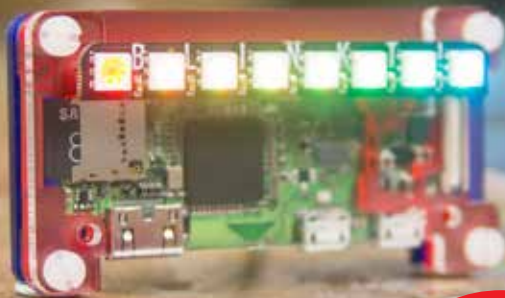
3280 x 2464

Order code 75-0531

£24.59

Raspberry Pi Zero W Starter Kit

Pimoroni PIM262



£35.00

Order code
75-0787

PIMORONI

A great bundle of things you need to get up and running with the new Pi Zero W!

Including an SD card with operating system pre-loaded, a smart and colourful Pibow Zero W case, and even one of our lovely Blink! multicolour LED strips to take your first steps with coding in Python!

Some soldering required

Raspberry Pi Zero W Pirate Radio Project Kit Pimoroni PIM261

Build your very own internet-connected radio with the Pirate Radio Kit!

Just add an SD card and this kit has everything you'll need, including a Pi Zero W, the new pHAT BEAT DAC and stereo amp, a 5W speaker, and a beautifully retro acrylic enclosure to make it look the business. It'll take you around 30 minutes to assemble everything (Visit our website for a link to the assembly guide).

Some soldering required



£40.00

Order code
75-0786

Raspberry Pi Zero W Scroll Bot Project Kit Pimoroni PIM260

A robot friend to sit on your desk and scroll the news, weather, or your Twitter feed - Scroll Bot!

Just add an SD card and the Scroll Bot Kit combines the Pi Zero W with the new swish Scroll pHAT HD board, and masquerades as a friendly orange robot, perfect for sitting on your desk or on a shelf. It's ideal for scrolling messages or for simple animations and, of course, it takes advantage of the built-in wireless LAN on the Pi Zero W (Visit our website for a link to the assembly guide).

Some soldering required



£34.99

Order code
75-0785

Raspberry Pi Zero W Octo Cam Project Kit Pimoroni PIM286

A cute, connected, cephalopod camera to stick on your window or sit on your shelf!

Just add an SD card and this kit has everything you'll need, including a Pi Zero W, a super-small 5MP camera, a fun octopus acrylic mount with four suction cups, and a desk stand. It'll take you around 30 minutes to put it all together (Visit our website for a link to the assembly guide).

Some soldering required

£40.00

Order code
75-0788



PIMORONI

Raspberry Pi Zero W Mood Light Project Kit Pimoroni PIM259

A beautifully modern Mood Light that'll look great on your bedside table, bookcase, or desk, and it's internet-connected!

Just add an SD card and this kit has everything you'll need you'll need to build a sleek looking light that evokes a real pendant light, and uses the Unicorn pHAT board with 32 programmable RGB Neopixel LEDs (Visit our website for a link to the assembly guide).

Some soldering required

£30.00

Order code
75-0784



Raspberry Pi Starter Kit

Pimoroni PIM222

A lot of fun squeezed into a tiny computer! Everything you need to get started with the Raspberry Pi 3 (just connect to a TV or monitor!), plus a friendly getting started guide.

Our getting started guide shows you, in a really friendly and straightforward way, how to get everything set up in a jiffy. You'll learn how to protect your Pi from bumps and bruises with the Pibow case, how to add the heat sink, the microSD card, and the Blink! rainbow light. Learn how to code your twinkly Blink! using Python, and even make a rainbow animation with it!



£85.19

Order code
75-0783



£5.00

Order code
75-0789

Raspberry Pi Zero W Pibow Case

Pimoroni PIM255

Protect your Pi Zero W in style with the Pibow Zero W case, in beautiful berry colours - red, purple, and blue!

Note that this is the case for the Raspberry Pi Zero W only – Pi Zero W not included.

16GB SD Card

Preloaded with
NOOBS for
Raspberry Pi

£11.88

Order code
75-0755

SanDisk



8GB microSDHC Card

(Class 4)

Kingston

£5.15

Order code
19-9222



Arduino Starter Kit including Uno Board

This official starter kit serves as a hands-on introduction to the basics of the Arduino system.



Only

£77.38

Order code 73-4642



UNO A000066 R3



The Arduino Uno Board A000066 R3 is a micro-controller board based on the ATmega328. Arduino UNO is the best board to get started with electronics and coding. If this is your first experience with Arduino, the UNO is the most robust board you can start playing with. The UNO is the most used and documented board of the whole Arduino family.



Order code 73-4440

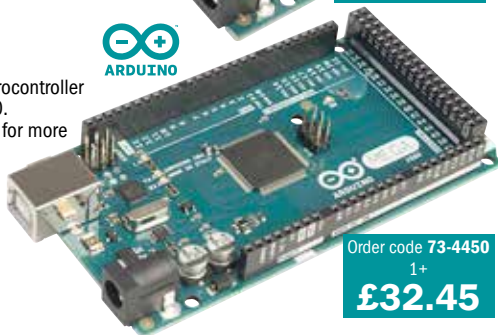
1+

£18.42

MEGA 2560



The Arduino Mega 2560 is a microcontroller board based on the ATmega2560. Arduino MEGA 2560 is designed for more complex projects. With 54 digital I/O pins, 16 analog inputs and a larger space for your sketch, it is the recommended board for 3D printers and robotics projects.

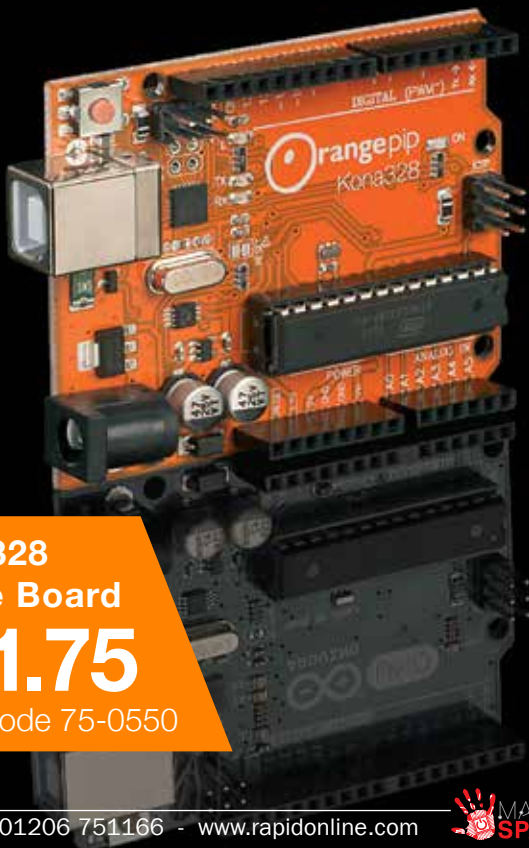


Order code 73-4450

1+

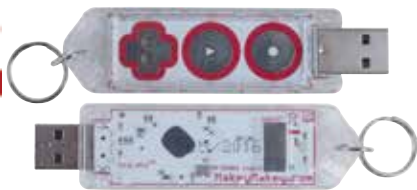
£32.45

Same board different price!



Kona328
Single Board
£11.75

Order code 75-0550



Makey Makey GO

The Makey Makey GO brings inventing - on the go - to tinkerers, makers, and anyone who wants a fun and exciting way to transform a host of everyday objects, with just the snap of a croc clip, into an internet touchpad!

- Contents: USB Invention Stick, case with magnet, 1 white crocodile lead, key ring, and instruction guide
- Simple USB connection

**Only
£18.00**

Order code
73-5502



Addressable LED Stick
8 x 5050 RGBW
(Warm White 3000K)

- 8-pixel RGBW NeoPixel Stick
- Requires 5V DC power
- Sticks can be daisy-chained together
- Dimensions: 10.2 x 51.1 x 3.2mm (0.4 x 2.0 x 0.13in.)

Order code **73-5278**

£8.35

Addressable LED Ring
24 x 5050 RGBW
(Warm White 3000K)



Order code **73-5270**

£19.84

**NeoPixel Addressable
LED Ring 12 x 5050
RGBW (Warm White 3000K)**



- 12-pixel RGBW NeoPixel Ring
- Requires 5V DC power
- Rings can be daisy-chained together
- Outside diameter 37mm (1.45in.)

Order code **73-5274**

£9.77





Bare Conductive's Electric Paint is just like any other water-based paint, except that it conducts electricity! This means that you can paint wires or sensors directly onto almost any material.

Cold Soldering

Electric Paint can be used as both a liquid wire and an adhesive. Use it to attach components to a range of materials. This is a great **alternative to the soldering iron** either when you're in a hurry, or working with children!

Paint Jar (50ml)

£16.79

Order code
70-0874



Pen (10ml)

£5.39

Order code
70-0873



PI CAP

Connect your Raspberry Pi to the physical world

Add precise capacitive touch, distance sensing and high quality audio to your Raspberry Pi 2, 3, and Zero. Connect Electric Paint to anything conductive to one of the 12 electrodes to control sounds, video and more.

Only £32.99

Order code 75-0720



UP Mini 2

Affordable. Portable. Reliable



UP 3D printer
2x 500g PLA, ABS
and ABS+ Filament
From only £33.59
visit www.rapidonline.com



£557.99

Order code 25-0055



3D printing
made easy

£791.99

Order code 25-0500



Dremel PLA Filament (25-0502)

Only **£29.39**

visit www.rapidonline.com



RF100 3D Printer



renkforce

The all-round worry-free beginners package. The RF 100 is shipped as a completely assembled unit with everything you need to get started included in the one delivery. It offers the flexibility to be controlled with the included software by your PC, or using the integrated LCD display. Printing can be done via a PC or laptop connected to the unit, or simply direct from the SD card without any cables needed.

£287.99

Order code 25-0058

USB 3D Printing Pen with OLED Display

£44.96

Order code 25-0150



paradime

Desktop 3D Scanner

£515.99

Order code 25-0380

The MFS1V1 3D Scanner is compact, portable and is supplied fully assembled. It enables you to scan solid items and produce files for 3D printers with a click of a button. It is used by designers, archivists, engineers, hobbyists, gamers, artists, teachers and creative families worldwide.



Dremel 3 Diamond Kit

3000-5

- 130W motor: for optimal performance
- Variable speed dial from 10,000 to 33,000 rpm
- 5 high quality Dremel tools

**20%
SAVING**
Normally £48

£39.98

Order code 85-0372

DREMEL

BIG ON DETAIL



Dremel 4 Diamond Kit

3000-2/55

- 130W motor: for optimal performance
- Variable speed dial from 10,000 to 33,000 rpm
- 55 high quality Dremel tools
- 2 Dremel attachments
- Plastic tool box

**40%
SAVING**
Normally £112

£79.98

Order code 85-0374

DREMEL

BIG ON DETAIL



Dremel 5 Diamond Kit

3000-5/75 Metal Tool Box

- 130W motor: for optimal performance
- Variable speed dial from 10,000 to 33,000 rpm
- 75 high quality Dremel tools
- 5 Dremel attachments
- Plastic tool box



£99.98

Order code 85-0376



DREMEL

BIG ON DETAIL



Variable Speed Rotary Tool 135W 230V & 119-Piece Accessory Set

A comprehensive multi-tool set containing an Anvil AV-RT119 mains powered variable high-speed rotary tool and a wide selection of 119 accessories for drilling, cutting, engraving, polishing, wire-brushing, grinding and sanding.

Only
£24.47

Order code 85-8196



400-Piece Rotary Tool Accessory Set

A comprehensive set of 400 high quality accessories for miniature power drills.

- Sanding
- Grinding
- Cleaning
- Drilling
- Cutting
- Polishing
- High visibility storage/carry case
- Case can be wall-mounted

Only
£14.99
Order code 85-8198



SPECIAL OFFER

Buy an **Easyimpact 550**
and get a Truvo **FREE**



BOSCH

Invented for life

Only

£49.98

Order code 85-9895

Truvo	Metal and Live Wire Detector
Easyimpact	550W corded hammer drill



PSB 1800 LI-2 Cordless Combi Drill - 2 Batteries

- Powerful lithium-ion battery and 60-minute charger, for use with all DIY and garden tools in the Bosch 18 volt system
- No memory effect, no self-discharge

Only

£99.98

Order code 85-9959



ONE PRO Thermal Imaging Camera Attachment

The all new FLIR ONE Pro gives you the power to find invisible problems faster than ever. Its revolutionary VividIR™ thermal image processing lets you see more details and provide your customers with proof that you solved their problem right the first time. Whether you're inspecting electrical panels, looking for HVAC problems, or finding water damage, the new FLIR ONE Pro is a tool no serious professional should be without.



Android (USB-C)

£395.98

Order code 85-3797

iOS

£395.98

Order code 85-3796





Kraftform Micro Slot/ Phillips Screwdrivers

6 Piece Set

- > PH 00 x 60mm
- > PH 0 x 60mm
- > 1.8 x 60mm slotted
- > 2.0 x 60mm slotted
- > 2.5 x 80mm slotted
- > 3.0 x 80mm slotted



£15.47

Order code
54-7179



Interchangeable VDE Screwdriver Set

16 Piece Set 05003484001

Slimline Blades

- > PH 1
- > PH 2
- > PZ 1
- > PZ 2

- > TX15
- > TX 20
- > TX25
- > PlusMinus 1
- > PlusMinus 2
- > 0.6 x 3.5mm slotted
- > 0.8 x 4mm slotted
- > 1 x 5.5mm slotted

Standard Blades

- > 0.4 x 2.5 slotted
- > TX10

£44.39

Order code
54-7060





Wera

BE A TOOL REBEL



Kraftform 300 Series Screwdrivers

6 Piece Set 05105622001

- > PH 1 x 80mm
- > PH 2 x 100mm
- > PZ 1 x 80mm
- > PZ 2 x 100mm
- > 4.0 x 100mm slotted
- > 5.5 x 125mm slotted



ANTI
ROLL-OFF



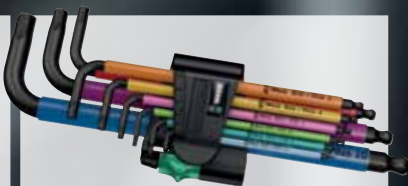
LASERTIP



KRAFTFORM
ERGONOMICS

£16.98

Order code 54-6592



Multicoloured Metric L-Keys

9 Piece Set

- > 1.5 x 90mm
- > 2.0 x 101mm
- > 2.5 x 112mm
- > 3.0 x 123mm
- > 4.0 x 137mm
- > 5.0 x 154mm
- > 6.0 x 172mm
- > 8.0 x 195mm
- > 10.0 x 224mm



TAKE IT EASY
TOOL FINDER



HEX-PLUS



BALL
END

£19.98

Order code 54-7064



LED Magnifying Lamp with Helping Hands

- Wire soldering tip cleaner can be located either side
- Powered by 4x AA batteries or mains adaptor
- Lens diameter 90mm
- Main lens power 3x
- 16 bright white LEDs
- Switch at base of gooseneck
- Batteries are housed in the base of the gooseneck
- Height approx. 300mm dependent on angle of lens
- Large 190 x 170mm metal base for stability
- Weight approx. 1.3kg
- Supplied complete with UK mains adaptor, wire tip cleaner and sponge



Only
£39.98

Order code
85-5928



Only
£6.98

Order code 86-0777

- Swivel caps
- Blade length 60mm
- Phillips sizes #00 and #0
- Rubberised cap and grip zone
- Overall screwdriver length 155mm
- Slotted sizes 1.5, 2.0, 2.5 and 3.0mm
- Colour-coded ring under cap denotes type





8+4 FREE BATTERIES*

AAA
£2.88

WAS £3.99
Order code
18-2123

AA
£2.88

WAS £4.99
Order code
18-2122

*Special offer
valid until 31/12/17

GP Batteries

Zinc Chloride Battery - PP3



Order code	1+	10+	40+	200+
18-1058	£0.654	£0.509	£0.458	£0.416

GP Batteries

CR2032 Lithium Battery Cell

- Voltage: 3.0V
- Capacity: 220mAh
- Supplied in packs of 5

Order code	1+	25+
18-0493	£3.52	£2.65

DURACELL®

Alkaline Manganese Dioxide Batteries

Packs of 10



AA 1.5V
£4.60

Order code
18-3341



AAA 1.5V
£4.13

Order code
18-3342

DURACELL®



Advent Calendar 2017



Have you seen
the video?



[/rapidonline](https://www.youtube.com/watch?v=...)

£44.39

Order code
86-8888

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excluding VAT (UK mainland only)

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Order before 7pm Monday-Friday for
same day despatch of in stock items

NO MINIMUM ORDER VALUE

UK mainland only

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