



Your trade

Our tech

#ProTools



BATTERY CARE RANGE OVERVIEW



Your trade

Our tech

#TheFacts



OVER 90%

of vehicles manufactured in **2022** will have **Stop Start technology**

By **2025** 40% of these will enter the independent aftermarket (900,000 vehicles)



All these will be fitted with **AGM or EFB Battery types** (for over 4,000 vehicle types)

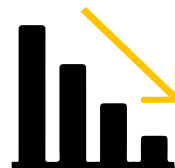
Electric vehicles still have **Wet & AGM Batteries** fitted



80%

of all battery failure is related to sulphur build-up on the plates, causing the battery to die.

Batteries naturally **self-discharge** while in storage, and sulphation will begin occurring when the state-of-charge is **less than 100%**.



JUST 30% of batteries sold today reach the 48-month mark.

The average car spends about **80% of the time parked** at home, is parked elsewhere for about 16% of the time and is thus only actually in use (moving) for **the remaining 4% of the time**.



HOW LONG CAN I PARK A VEHICLE?

Car manufacturers normally design for at least **14 days** or more 'parked' time; they assume a fully charged battery in good condition, moderate weather, and no additions to the original car's parasitic load (for example, an aftermarket alarm system).



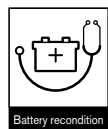
BATTERY CHARGERS & JUMP STARTERS

Our battery care range has been designed with the professional in mind. All our products are made to withstand extensive use in the most demanding environments, using the latest battery care innovations and tough, resilient materials.

RANGE FEATURES



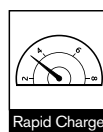
Compatible for 12V and 24V vehicles, making our units ideal for intensive use in a workshop or across a fleet of mixed vehicles, including cars, LCVs and HGVs.



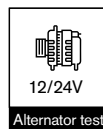
In our **SmartCharge Pro** series the units conduct a 9 stage (for traditional batteries) and a 7 stage (for lithium) charging process which include a recondition mode. This helps de-sulphate the build-up of sulphate on the battery plates, to optimise battery performance.



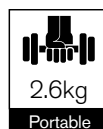
Our battery alternators and SmartCharge Pro units have the capacity to conduct a battery test prior to charging. This will give an understanding of the battery's cranking ability and ultimately its current performance.



Whilst not recommended all the time for a battery, there are times when charging a battery quickly is needed. Ring SmartCharge Pro all come with the facility to charge at maximum amp output to recharge batteries quickly.



The alternator is a key component on the starting system, generating electricity to recharge batteries. If faults go undetected then the battery will always suffer. Ring Battery Analysers and Ring SmartCharge Pro units are all equipped with alternator testing, so issues no longer go unfound.



Lightweight and equipped with handles or wheels, SmartCharge units are easy to carry or move between a large fleet of vehicles.

Your trade

Our tech

#TheKnowledge



BATTERY SUPPORT AN INTRODUCTION

A battery is designed to supply a sudden burst of power to the ignition, and also acts as the power supply for the electrical components.

When the vehicle is stood still the battery will still operate certain safety features such as electronic handbrake, central locking etc. This will drain the battery over prolonged periods of time. When a garage conducts diagnostic work or data uploads, the battery will drain as the alternator that generates the electricity to recharge the battery will not be engaged.



If the battery / starting system is in good condition, and you will be working with the electrical systems, it is also important to make sure the battery is either fully charged or can supply continuous power.

Locating an electrical fault or reprogramming the ECU will require a diagnostic check. This process can take several minutes or even hours. This is likely to result in a complete discharge of the battery. The knock-on impact will be to fully recharge the battery, test again, all of which adds time and unnecessary costs.

Providing a continuous supply of electrical current through the battery will prevent the battery going flat allowing important data uploads and diagnostic work to not be interrupted – saving time and money. Ring's RSCP3024 and RSCP5024 SmartCharge Pro units will provide between 30A and 50A of continuous power, so the mechanic can get on with the job in hand.

Battery support for showroom use

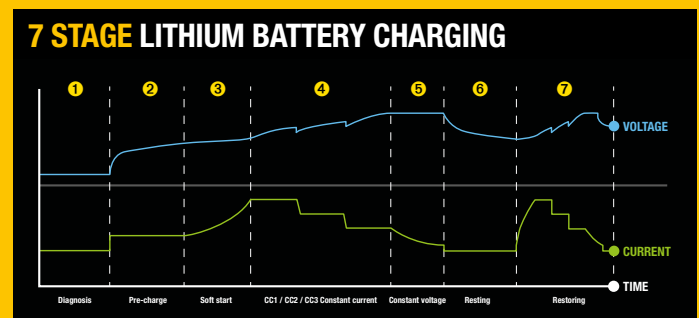
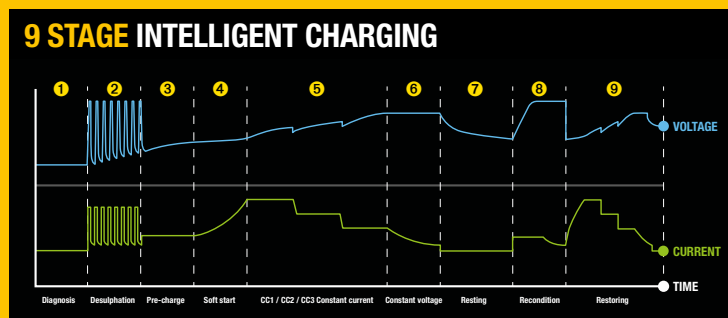
Showing a brand new model or second hand model in a dealership environment is all about enticing customers to buy. Yet if a vehicle has been stood idle for long periods of time, with no alternator usage to recharge the battery, the impact could be very flat indeed. Ring's SmartCharge Pro units RSCP3024 or RSCP5024 can be hidden underneath the vehicle and will supply up to either 30A or 50A of continuous power supply, without draining the battery, so when the vehicle is demonstrated, customers can see themselves driving the car.

SMARTCHARGE TECHNOLOGY

Unlike a traditional charger that just continues to put a standard charge rate through to a battery, a SmartCharger varies its charging rate through different steps to provide the optimal charge for any battery.

Ring's SmartChargers offer a 9 stage intelligent charging curve for lead acid battery technology, including STOP/START batteries, and a 7 stage charging cycle for Lithium battery technology.

Importantly, the SmartChargers can be left permanently connected without damaging the battery. Instead the SmartChargers will watch over the battery once fully charged and only kick in more charge as and when the battery begins to naturally discharge.



- 1 **Diagnosis:** Analyse whether the battery accepts a charge or not, then go to Stage 2 if no, or Stage 3 if yes
- 2 **Desulphation:** The charger can rescue most drained batteries with voltages up to a min. voltage @ $1.5 \pm 0.5V$
- 3 **Pre-charge:** If the battery voltage is less than 12V, charge it at a smaller current, which will protect the battery
- 4 **Soft Start:** Gradually giving charge to battery to maximum current
- 5 **CC1/CC2/CC3 (Constant Current):** Bulk charge separated to 3 stages at 3 constant current levels to handle heat distribution better during charging, prolonging battery life
- 6 **CV (Constant Voltage):** The battery is close to fully charged, voltage is kept @ 14.6V DC removing risk of overcharging, but continuing charging process until battery is fully charged
- 7 **Resting:** The charger will cut off with fully charged display, wait for approx. 2 mins before starting next stage
- 8 **Recondition:** After resting for 2 minutes from fully charged status, if the charger detects that the voltage has dropped to 12.8V, the charger will charge at high voltage to recover the battery
- 9 **Restoring:** The charger automatically monitors the fully charged battery. If voltage drops again to 12.8V, stages 4 to 7 will be repeated

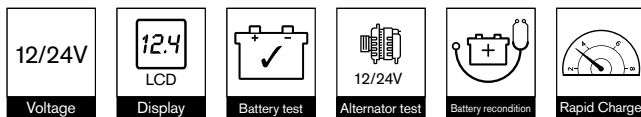
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BATTERY CHARGERS & JUMP STARTERS

SMARTCHARGE PRO 30A BATTERY CHARGER

RSCP3024

IDEAL FOR
**SHOWROOM
USE**



Overview

A complete battery support unit, suitable for 12V and 24V vehicles with mixed battery types including Lithium and START/STOP. Slimline and light, ideal for intensive use with fleets of mixed vehicles, in garages, workshops and showroom environments.

Large LCD display screen

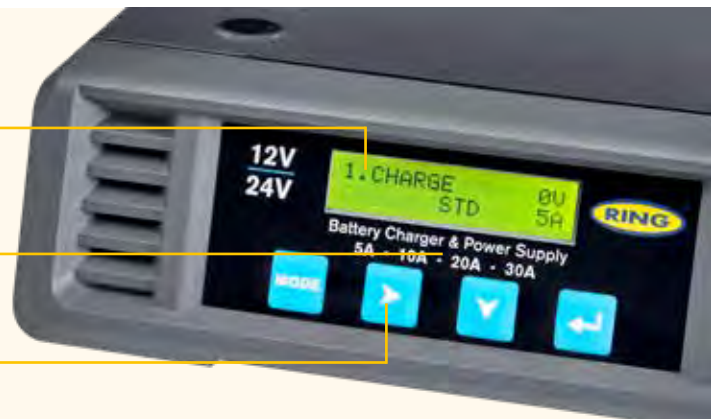
To see charge status clearly in low light

Variable charging rates 5/10/20/30A

For slow or rapid recharge that can get a battery to start in minutes

Easy to use menu system

Making it intuitive to use removing any hassle when working



Heavy duty fully insulated copper clamps



Fan assisted cooling

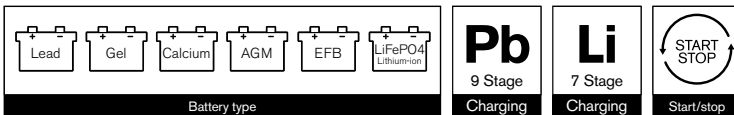
Ideal for long-term
showroom use



Ventilation louvres

For optimum performance

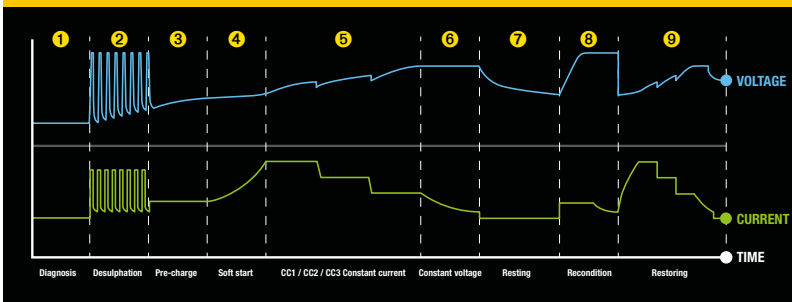




Unlike a traditional charger that just continues to put a standard charge rate through to a battery, a SmartCharger varies its charging rate through different steps to provide the optimal charge for any battery.



9 STAGE INTELLIGENT CHARGING



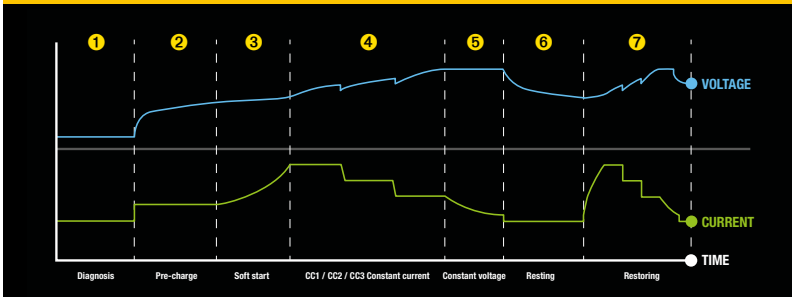
Using the power supply function, maintain a constant battery voltage level at both 12V & 24V for when appliances or programming & vehicle diagnostic equipment is connected and drawing power.

Multi-chemistry and charging level selection allow the user to set the specific charge required for different battery types. Test functions provide battery and alternator diagnosis. With LCD display and an easy to navigate menu system.

Specifications

Product Code	RSCP3024
Voltage Output	12/24V DC
Voltage Input	220-240V AC
Charger Rate	30A
Battery Type	Lead Acid, Gel, Calcium, EFB, AGM & LiFePO4
Max. Battery Capacity	300Ah
Min. Battery Capacity	14Ah
Packaging Dimensions	286 x 253 x 82mm
Pack Weight	2800g
Case Quantity	4 x 1
Barcode	5055175249308

7 STAGE LITHIUM BATTERY CHARGING

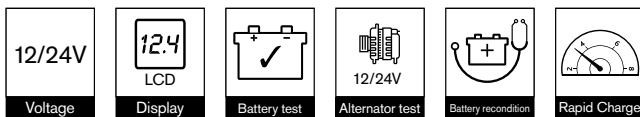


BATTERY CHARGERS & JUMP STARTERS

SMARTCHARGE PRO 50A BATTERY CHARGER

RSCP5024

IDEAL FOR
**EVERYDAY
GARAGE
USE**



Overview

A complete battery support unit, suitable for 12V and 24V vehicles with mixed battery types including Lithium and START/STOP. Slimline and light, ideal for intensive use with fleets of mixed vehicles, in garages, workshops and showroom environments. With heavy duty removable clamps.



Large LCD display screen

To see charge status clearly in low light

Variable charging rates 5/10/30/50A

For slow or rapid recharge that can get a battery to start in minutes

Easy to use menu system

Making it intuitive to use removing any hassle when working



Power switch
and removable
AC power cord

Removable fully
insulated copper
clamps

Fan assisted cooling

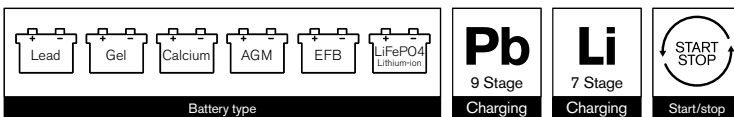
Ideal for long-term
showroom use



Ventilation louvres

For optimum performance

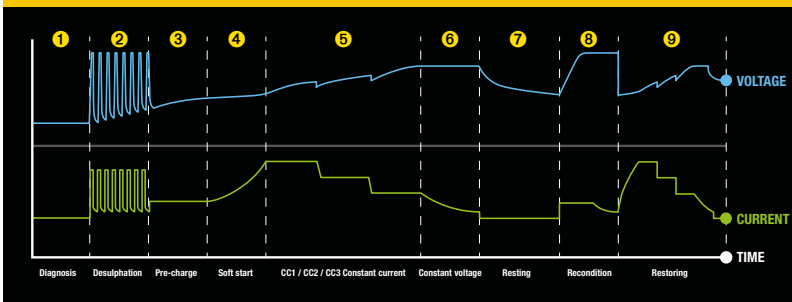




Unlike a traditional charger that just continues to put a standard charge rate through to a battery, a SmartCharger varies its charging rate through different steps to provide the optimal charge for any battery.



9 STAGE INTELLIGENT CHARGING



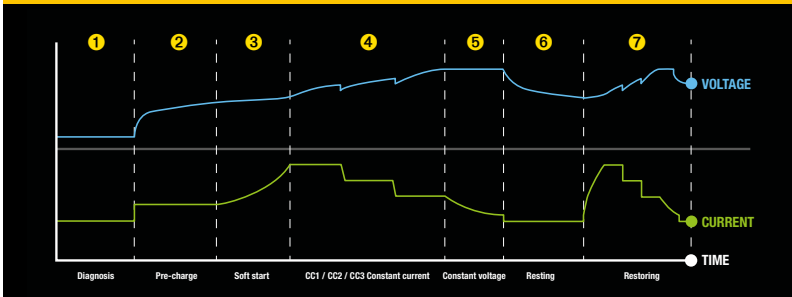
Using the power supply function, maintain a constant battery voltage level at both 12V & 24V for when appliances or programming & vehicle diagnostic equipment is connected and drawing power.

Multi-chemistry and charging level selection allow the user to set the specific charge required for different battery types. Test functions provide battery and alternator diagnosis. With LCD display and an easy to navigate menu system.

Specifications

Product Code	RSCP5024
Voltage Output	12/24V DC
Voltage Input	220-240V AC
Charger Rate	50A
Battery Type	Lead Acid, Gel, Calcium, EFB, AGM & LiFePO4
Max. Battery Capacity	500Ah
Min. Battery Capacity	14Ah
Packaging Dimensions	407 x 362 x 117mm
Pack Weight	7kg
Case Quantity	2 x 1
Barcode	5055175249315

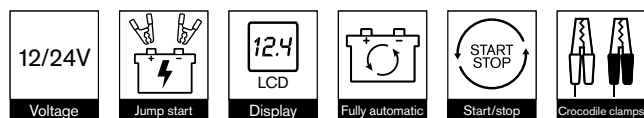
7 STAGE LITHIUM BATTERY CHARGING



BATTERY CHARGERS & JUMP STARTERS

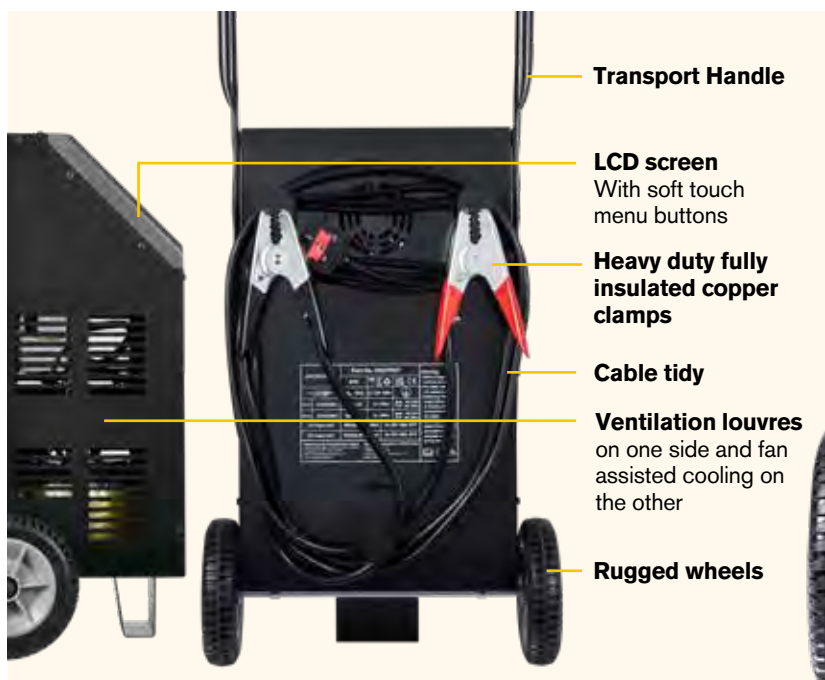
SMARTCHARGE PRO 60A BATTERY CHARGER & STARTER

RSCP60T



Overview

60A automatic trolley smart battery charger, with 540A jump starter. Suitable for 12V and 24V vehicles and mixed battery types including Lithium in cars and commercial vehicles, including those with START/STOP batteries. Ideal for intensive use with fleets of mixed vehicles including cars, LCV and HGVs, plus in commercial garages and workshops.

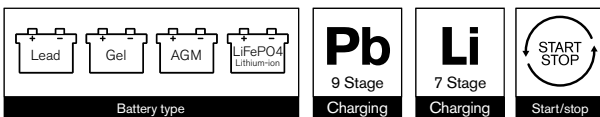




The rugged metal casing and design makes it able to withstand tough workshop conditions, whilst also easy to move to where it's needed.



**IDEAL FOR
MIXED FLEET
DEPOTS**

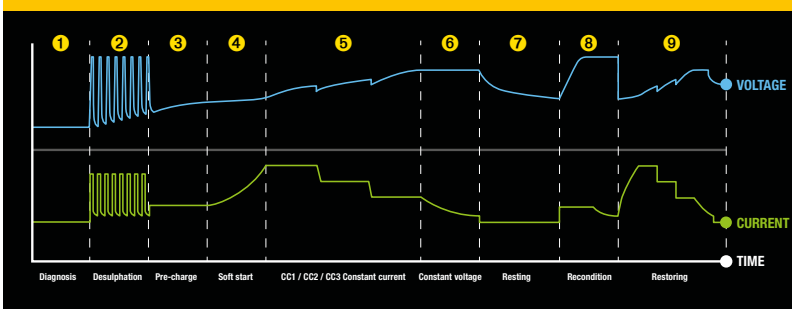


Unlike a traditional charger that just continues to put a standard charge rate through to a battery, a SmartCharger varies its charging rate through different steps to provide the optimal charge for any battery.

Featuring smart charge technology optimises battery performance and improves the ability to hold charge, seven stage for Lithium batteries and nine stage for all other chemistries.

The 540A jump starter quickly revives flat batteries. With an LED display that shows voltage, current and the charge mode selected. Easy to use menu for quick selection of the correct charge mode and charging performance review. Includes thermal and overload protection.

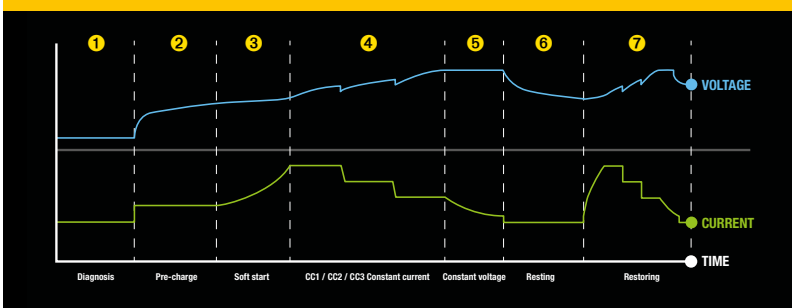
9 STAGE INTELLIGENT CHARGING



Specifications

Product Code	RSCP60T
Voltage Output	12/24V DC
Voltage Input	220-240V AC
Charger Rate	12V 60A Max 24V 30A Max
Battery Type	Lead Acid, Gel, AGM & LiFePO4
Max. Battery Capacity	700Ah
Min. Battery Capacity	14Ah
Packaging Dimensions	592 x 394 x 342mm
Pack Weight	20.6kg
Case Quantity	1 x 1
Barcode	5055175249636

7 STAGE LITHIUM BATTERY CHARGING



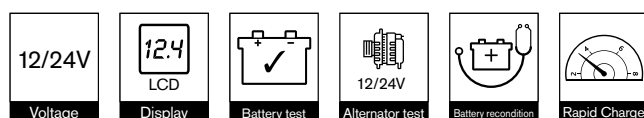
BATTERY CHARGERS & JUMP STARTERS

SMARTCHARGE PRO 100A BATTERY CHARGER

RSCP10024



OUR
FASTEST
CHARGING UNIT
100A



Overview

A complete battery support unit, suitable for 12V and 24V vehicles with mixed battery types including Lithium and START/STOP. Slimline and light, ideal for intensive use with fleets of mixed vehicles, in garages, workshops and showroom environments. With heavy duty removable clamps.



Large, full colour LCD display screen
To see charge status clearly in low light

Variable charging rates 5/10/30/50/60/100A
For slow or rapid recharge that can get a battery to start in minutes

Easy to use menu system
Making it intuitive to use removing any hassle when working

Power switch and removable AC power cord



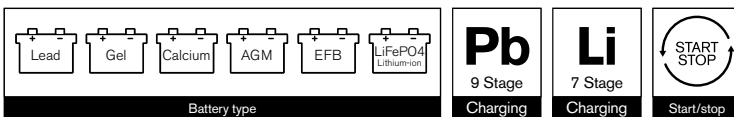
Detachable, heavy duty fully insulated copper clamps

Fan assisted cooling
Ideal for long-term showroom use



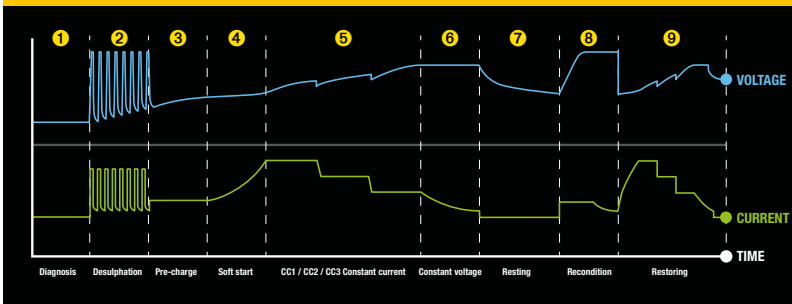
Ventilation louvres
For optimum performance





Unlike a traditional charger that just continues to put a standard charge rate through to a battery, a SmartCharger varies its charging rate through different steps to provide the optimal charge for any battery.

9 STAGE INTELLIGENT CHARGING



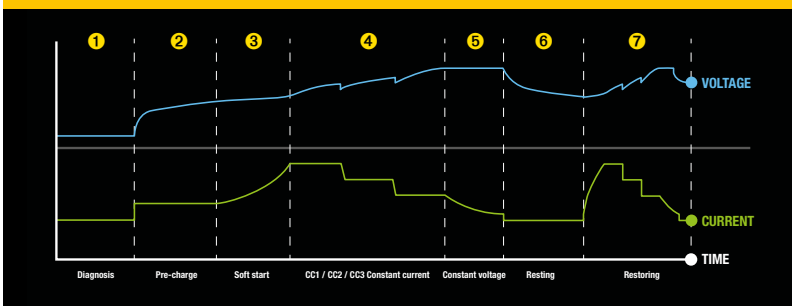
Using the power supply function, maintain a constant battery voltage level at both 12V & 24V for when appliances or programming & vehicle diagnostic equipment is connected and drawing power.

Multi-chemistry and charging level selection allow the user to set the specific charge required for different battery types. Test functions provide battery and alternator diagnosis. With LCD display and an easy to navigate menu system.

Specifications

Product Code	RSCP10024
Voltage Output	12/24V DC
Voltage Input	220-240V AC
Charger Rate	12V 100A Max 24V 80A Max
Battery Type	Lead Acid, Gel, Calcium, EFB, AGM & LiFePO4
Max. Battery Capacity	1000Ah
Min. Battery Capacity	14Ah
Packaging Dimensions	415 x 385 x 117mm
Pack Weight	7.5kg
Case Quantity	2 x 1
Barcode	5055175250809

7 STAGE LITHIUM BATTERY CHARGING



TRADITIONAL WORKSHOP BATTERY CHARGERS

12A BENCH CHARGER

RCB312

3.0L

Engine size

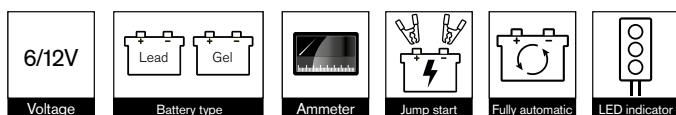


20A BENCH CHARGER

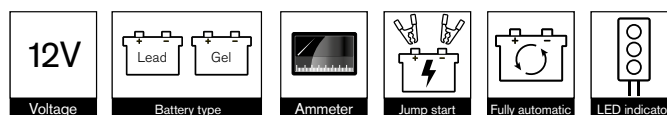
RCB320

12.0L

Engine size



- Fully automatic battery chargers with fast/slow charge settings
- Suitable for 6/12V vehicles up to 3,000cc
- Tough metal and rubberised construction
- Includes both LED indicators and ammeter to display charge status
- 6V and 12V charging solutions available
- Engine start option available



- Fully automatic battery chargers with fast/slow charge settings
- Suitable for 12V vehicles up to 12,000cc
- Tough metal and rubberised construction
- Includes both LED indicators and ammeter to display charge status
- 6V and 12V charging solutions available
- Engine start option available

Specifications

Product Code	RCB312
Charger Type	Automatic
Battery Capacity	20-180Ah
Charging Current	12A (fast)/3A (slow)
Nominal Voltage	6V/12V
Battery Clamps Cable Length	1.8m
Engine Start	—
Weight	4.17Kg
Pack Dimensions	H205 x W410 x D220
Case Quantity	2 x 1
Barcode	5055175212135

Specifications

Product Code	RCB320
Charger Type	Automatic
Battery Capacity	20-225Ah
Charging Current	20A (fast)/3A (slow)
Nominal Voltage	12V
Battery Clamps Cable Length	1.8m
Engine Start	150A
Weight	7.2Kg
Pack Dimensions	H230 x W470 x D280
Case Quantity	2 x 1
Barcode	5055175212142

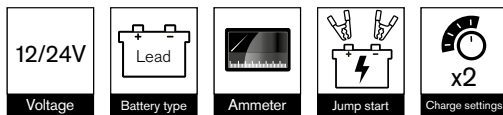
27A BENCH CHARGER/STARTER

RCBT27



30/35A BENCH CHARGER/STARTER

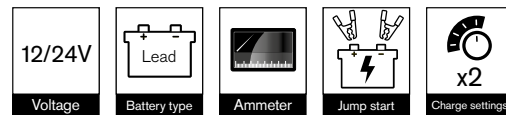
RCBT30/35



- Charges both 12V and 24V batteries
- Includes 150A engine start
- Includes both slow and fast charging options
- Extra long 1.5m cables
- Heavy duty fully insulated battery clamps
- Ammeter to display charging status
- Rugged metal casing
- Thermal and overload protection

Specifications

Product Code	RCBT27
Charger Type	Automatic
Battery Capacity	30-300Ah
Charging Current	27A
Charging Voltage	14.4V
Nominal Voltage	12V
Battery Clamps Cable Length	1.5m
Weight	11.5Kg
Pack Dimensions	H260 x W320 x D320
Case Quantity	1 x 1
Barcode	5055175235134



- Outputs for 12V and 24V batteries
- Selectable charging and jump start functions
- Dual charge rate settings
- Fully insulated high capacity battery clamps
- Rugged metal casing
- Easy to read analogue charge status
- Thermal and overload protection

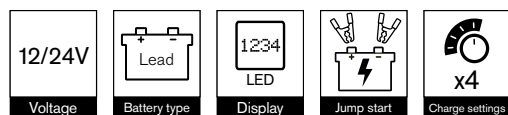
Specifications

Product Code	RCBT35	RCBT30
AC Input Voltage	230 Volts	230 Volts
AC Input Power (12/24V)	800 / 1400 Watts	650 / 1200 Watts
Charge Current (effective RMS)	35 Amps	30 Amps
Start Current (effective RMS)	180 Amps	150 Amps
Battery Capacity	40 - 350Ah	30 - 300Ah
Output Fuse	1 x 50 Amp	Thermal
Weight	14kg	11kg
Pack Dimensions	H373 x W486 x D426mm	H354 x W403 x D338mm
Case Quantity	1 x 1	1 x 1
Barcode	5055175223537	5055175223520

TRADITIONAL WORKSHOP BATTERY CHARGERS

40A TROLLEY CHARGER/STARTER

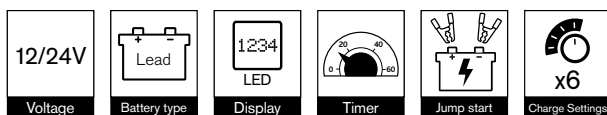
RCBT40T



- Up to 40 amp charging current
- Outputs for 12V and 24V batteries
- Selectable charging and jump start functions
- 4 x charge rate settings
- Fully insulated high capacity battery clamps
- Rugged metal casings and transport handles
- Easy to read digital charge status
- Thermal and overload protection
- High impact wheels with metal bearings

55A TROLLEY CHARGER/STARTER

RCBT55T



- Up to 55 amp charging current
- Outputs for 12V and 24V batteries
- Selectable charging and jump start functions
- 6 x charge rate settings
- 60 minute timer
- Fully insulated high capacity battery clamps
- Rugged metal casings and transport handles
- Easy to read digital charge status
- Thermal and overload protection
- High impact wheels with metal bearings

Specifications

Product Code	RCBT40T
AC Input Voltage	230 Volts
AC Input Power (12/24V)	1200 / 2000 Watts
Charge Current (effective RMS)	40 Amps
Start Current (effective RMS)	280 Amps
Battery Capacity	50 - 400Ah
Output Fuse	1 x 50 Amp
Weight	21kg
Pack Dimensions	H750 x W453 x D407mm
Case Quantity	1 x 1
Barcode	5055175223544

Specifications

Product Code	RCBT55T
AC Input Voltage	230 Volts
AC Input Power (12/24V)	1400 / 2600 Watts
Charge Current (effective RMS)	55 Amps
Start Current (effective RMS)	420 Amps
Battery Capacity	60 - 600Ah
Output Fuse	2 x 50 Amps
Weight	28kg
Pack Dimensions	H818 x W513 x D433mm
Case Quantity	1 x 1
Barcode	5055175223551

BATTERY ANALYSERS



For testing and diagnostics, our range of battery analysers and multimeters make fault finding easy and quick. Whether you are charging, repairing or starting, our range has the right piece of kit for a wide range of professional environments.

Test Batteries before you commence work

It is important to undertake accurate vehicle diagnosis of a battery as low battery levels will cause vehicle faults and system failures. AGM, EFB Stop/Start vehicles are especially prone to these issues.



How to test the battery before starting works

- ✓ Visual Check
- ✓ Check the battery is correct for the vehicle
- ✓ Check the battery for damage or leaks

Diagnostic check

Connect a battery analyser to perform a complete health check of the battery starting system. A battery analyser such as Ring's RBAG750, will test all 12V and 24V start and Start/stop vehicle batteries including EFB and AGM batteries.

It will give reliable results for the:

- Battery starting capacity
- Alternator
- Starter motor
- Ripple test
- Earth test

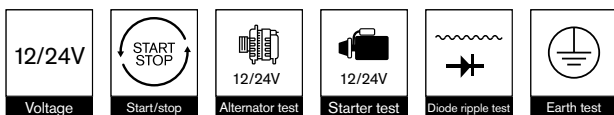


The provided results will allow a better understanding of what work can be carried out or if there are issues that need to be fixed prior to returning the vehicle back to the customer.

BATTERY ANALYSERS

GRAPHICAL BATTERY ANALYSER

RBAG750

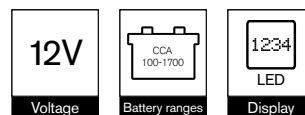


Specifications

Part No	RBAG750
Voltage	12/24 Volt
Test Method	Load free Microprocessor controlled
Battery Types	12V SLI, AGM & EFB
Display Type	Graphic LCD with backlight
Battery CCA Ranges	40-600 (low range), 100-2000 (high range)
Battery Standards	CCA/SAE, DIN, EN1, EN2, IEC, JIS, CA/MCA
Battery Test	✓
Alternator Test	✓
Diode Ripple Test	✓
Starter Test	✓
Earth Test	✓
Data Download & Printing	✓
Integral Printer	✓
Pack Dimensions	H260 x W360 x D98mm
Pack qty	8 x 1
Barcode	5055175246147

DIGITAL BATTERY ANALYSER

RBA50



- Test batteries in and out of vehicle
- Clear results
- Simple traffic light display indicates health of battery
- Reverse polarity protection
- Microprocessor controlled battery testing
- Scrolling alpha-numeric LED display

Specifications

Product Code	RBA50
Battery Type	12V
Cable Length	70cm
Battery CCA Range	100 - 1700
Weight	0.28Kg
Pack Dimensions	H220 x W260 x D70mm
Case Quantity	20 x 1
Barcode	5055175229249

DIGITAL BATTERY LOAD TESTER

RBA15



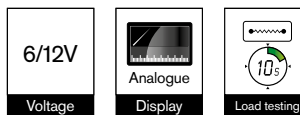
- Testing for battery, alternator and starter motor
- Fully automatic testing
- 125amp load test current
- Digital LED display
- Selectable battery capacity
- Rugged metal casing
- High capacity battery clamps
- Reverse polarity protection

Specifications

Product Code	RBA15
Test Method	125A Load
Battery Types	12V
Display Type	LED (7-segment)
Battery CCA Ranges	300 - 1000
Battery Standards	CCA
Battery Test	✓
Alternator Test	✓
Starter Test	✓
Earth Test	-
Data Download & Printing	-
Pack Dimensions	H325 x W165 x D85mm
Case Quantity	10 x 1
Barcode	5055175229232

ANALOGUE BATTERY LOAD TESTER

RBA10



- Testing for battery, alternator and starter motor
- Compatible with 6V and 12V batteries
- 50amp load test current
- Easy to read analogue display
- Rugged metal casing
- High capacity battery clamps
- Reverse polarity protection

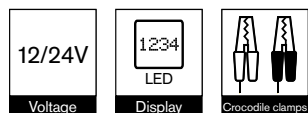
Specifications

Product Code	RBA10
Test Method	50A Load
Battery Types	6V/12V
Display Type	Analogue
Battery CCA Ranges	300 - 500
Battery Standards	-
Battery Test	✓
Alternator Test	✓
Starter Test	✓
Earth Test	-
Data download & Printing	-
Pack Dimensions	H325 x W165 x D85mm
Case Quantity	10 x 1
Barcode	5055175229225

BATTERY ANALYSERS

BATTERY TESTER WITH CLIPS

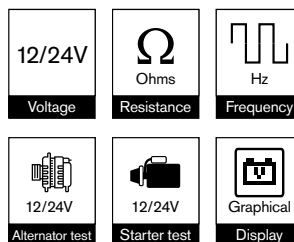
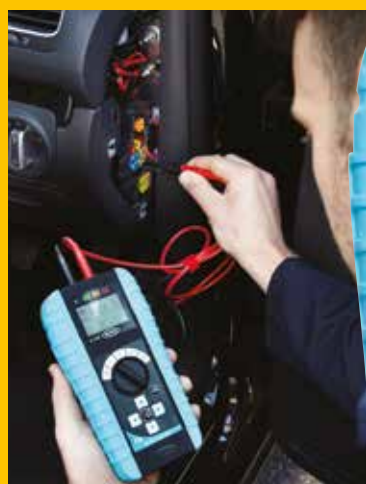
RBA4



- Voltmeter with insulated crocodile clips
- LED display shows battery voltage
- LED indicators show voltage as high, medium or low
- Connects directly to the battery terminals
- Polarity safe

MULTI-FUNCTION AUTOMOTIVE TESTER

RMM500



The Multi-function Automotive tester will diagnose electrical faults in 6V, 12V and 24V vehicles, with specific electrical tests for the starter motor and alternator.

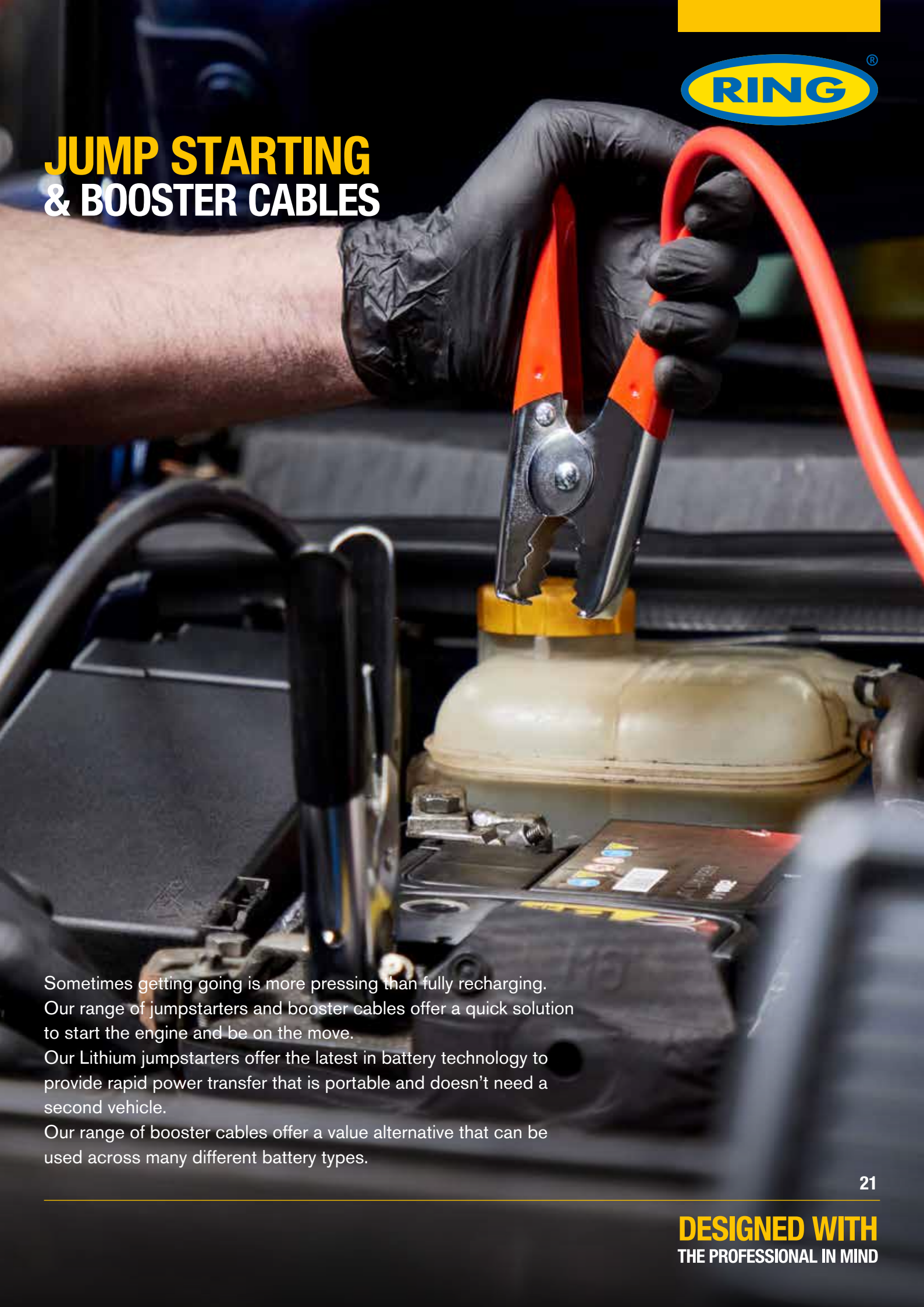
Specifications

Part No	RMM500
Voltage test	6/12/24 Volt
Starter test	12/24 Volt
Alternator test	12/24 Volt
Voltage range	0 - 50V DC $\pm 2\%$
Current (Parallel)	0 - 80A $\pm 3\%$, 3A - 30A (Mini fuse), 3A - 40A (Standard fuse), 20A - 80A (Maxi fuse)
Current (In-line)	1 - 999mA $\pm 1\%$ (Low range), 1 - 30A $\pm 2\%$ (High range)
Resistance	0 - 1M Ω $\pm 2\%$
Frequency	1Hz - 20KHz $\pm 1\text{Hz}$
Continuity	0 - 500 Ω
Working Temp	0 - 50°C
Batteries	3 x AA (not included)
Pack dimensions	260(H) x 360(W) x 98(D)
Pack qty	8 x 1
Barcode	5055175240367

Specifications

Product Code	RBA4
Battery Type	12/24V
Cable Length	90cm
Battery CCA Range	-
Weight	0.135Kg
Pack Dimensions	H175 x W75 x D60mm
Case Quantity	10 x 1
Barcode	5055175216003

JUMP STARTING & BOOSTER CABLES



Sometimes getting going is more pressing than fully recharging. Our range of jumpstarters and booster cables offer a quick solution to start the engine and be on the move. Our Lithium jumpstarters offer the latest in battery technology to provide rapid power transfer that is portable and doesn't need a second vehicle. Our range of booster cables offer a value alternative that can be used across many different battery types.

PROFESSIONAL JUMP STARTERS

LITHIUM JUMP STARTER

RPPL700



12V	UP TO 8.0L Petrol	UP TO 6.0L Diesel	4kg	LiFePO4 Lithium-ion
Voltage	Engine size	Engine size	Portable	Battery type

- Up to 8.0L Petrol / 6.0L 12V Diesel engines
- 1500 Peak Amps / 650 Starting Amps
- Mains docking station included
- 75% lighter than an equivalent Lead Acid Jump starter
- Multiple safety protections
- Tough build with rubber moulding

Overview

The Ring RPPL700 Lithium Professional Jump Starter is ideal for petrol vehicles up to 8.0L and diesel vehicles up to 6.0L, such as motorcycles, cars, 4x4s, vans, commercial vehicles and boats.

The RPPL700 has a tough build with rubber moulding and is 75% lighter than an equivalent lead acid jump starter, making it more mobile and ideal for being used frequently in a workshop.

Under normal conditions, with a fully functioning alternator, if the jump starter is fully charged before use, leaving the clamps connected to the vehicle will recharge the jump starter from the vehicle alternator in around 60 seconds.



Leaving the clamps connected to the vehicle will recharge the jump starter from the vehicle alternator in around 60 seconds



Specifications

Product Code	RPPL700
Internal Battery Voltage (nominal)	12.8V (76.8Wh)
Starting Current	650A
Peak Current	1500A
Max Cranking Time	3 secs
Battery Type	Lithium-ion Phosphate LiFePO ₄
Battery Capacity	6Ah (76.8Wh)
Operating Temperature	-0°C to 45°C
Clamp Cable	20mm ² Pure Copper Wire
Weight	4Kg
Product Dimensions	H196 x L235 x W180mm
Pack Dimensions	H220 x W315 x D220mm
Case Quantity	2 x 1
Barcode	5055175245133

COMPACT LITHIUM JUMP STARTER WITH POWERBANK

RPPL400



- A safe and compact lithium jump starter that also provides power to recharge electronic gadgets
- Compact design - fits easily into your glove box
- Powerbank function for charging electronic appliances including smart phones and tablets
- Fast 4 hour recharge time
- Suitable for small to medium cars and vans with up to 8.0L petrol or 4.0L diesel engines
- Safe connect system to protect the user, vehicle and jump starter
- Intelligent clamps safely manage power between the jump starter and vehicle
- Reverse polarity, short circuit and anti-spike protection
- LED torch
- Storage case included



Specifications

Product Code	RPPL400
Internal Battery Voltage (nominal)	14.8V
USB Output	5V 2.4A, 9V 2.0A, 12V 1.5A
Starting Current	400A
Peak Current	2000A
Max Cranking Time	3 secs
Battery Type	Lithium Cobalt Oxide LiCoO ₂
Battery Capacity	16,800mAh
Operating Temperature	-10c to 40c
Cable Clamp Opening	30mm
Weight	0.7Kg
Product Dimensions	H90 x W213 x D30mm
Pack Dimensions	H125 x W257 x D100mm
Case Quantity	4 x 1
Barcode	5055175244822

50MM² COPPER BOOSTER CABLE

35MM² COPPER BOOSTER CABLE

25MM² COPPER BOOSTER CABLE

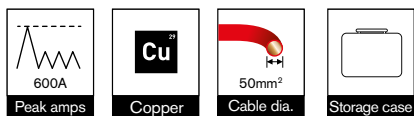


Overview

Professional booster cables with maximum output of 600A - suitable for agricultural and commercial use. Fully insulated clamps for extra safety and durability.

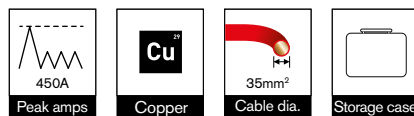
RBC500

Pure Copper
Booster Cables



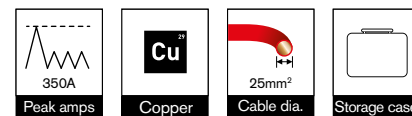
RBC350

Pure Copper
Booster Cables



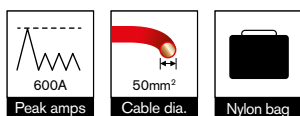
RBC250

Pure Copper
Booster Cables



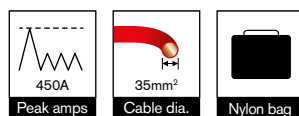
RBC500A

Copper Coated Aluminium
Booster Cables



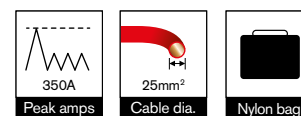
RB350A

Copper Coated Aluminium
Booster Cables



RBC250A

Copper Coated Aluminium
Booster Cables



Specifications

Product Code	RBC500	RBC500A	RBC350	RBC350A	RBC250	RBC250A
Cross Section	50mm ²	50mm ²	35mm ²	35mm ²	25mm ²	25mm ²
Cable Length	5.0m	5.0m	4.5m	4.5m	3.5m	3.5m
Continuous Rating	600A	600A	450A	450A	350A	350A
Weight	6.4Kg	6.4Kg	4.4Kg	4.4Kg	3.1Kg	3.1Kg
Pack Dimensions	H350 x W350 x D125	H340 x W340 x D100	H320 x W320 x D80	H310 x W310 x D100	H238 x W267 x D75	H238 x W267 x D75
Case Quantity	2x1	2x1	4x1	4x1	4x1	4x1
Barcode	5011274051082	5055175238838	5011274035082	5055175238821	5011274025083	5055175234960



EV CHARGING CABLES



Have the power to drive your future with Ring's range of Electric Vehicle Cables - whether it be at home, at work, or en route to your destination. Ring's range of EV cables cover all electric/hybrid vehicles and are durable and waterproof to deal with all types of weather and road conditions.

EV CHARGING
CABLES

EV CHARGING CABLE
THREE PHASE TYPE 2 32A



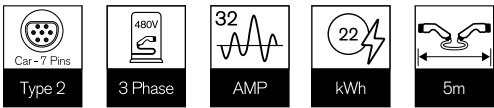
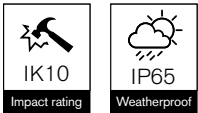
RCC23P05



Overview

Ring's range of EV cables cover all electric/hybrid vehicles and are durable and waterproof to deal with all types of weather and road conditions. Have the power to drive your future with Ring's range of Electric Vehicle Cables - whether it be at home, at work, or en route to your destination. All Ring EV Cables are:

- Supplied in a hard wearing compact heavy duty storage case
 - Store your cables safely and securely
- High quality and durable construction
 - Dust proof and waterproof to IP65 rating
 - IK rated to withstand the toughest conditions
- Operating temperature -40° C to 85° C



- Compatible with all 32A (3 phase) Type 2 charge points
- Type 2 (IEC 62196-2) to Type 2 (IEC 62196-2)

Charge times using 32A (3 phase) cable*

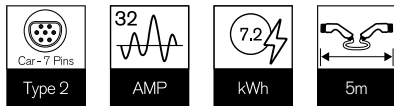
30kWh Battery	1.5hr
60kWh Battery	3hr
90kWh Battery	4.5hr
Supply Type Charger Rating	3 Phase 32A @ 22kWh

Specifications

Product Code	RCC23P05
Voltage	480V
Current	32A
Max Power	22kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	390x370x110mm
Product Weight	3390g
Pack Weight	3960g
Case Quantity	4 x 1
Barcode	5055175249223

SINGLE PHASE TYPE 2 32A

RCC23205



- Compatible with all 32A (single phase) Type 2 charge points
- Type 2 (IEC 62196-2) to Type 2 (IEC 62196-2)

Charge times using 32A (1 phase) cables*

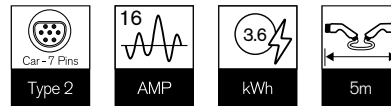
30kWh Battery	4hr
60kWh Battery	8hr
90kWh Battery	12hr
Supply Type Charger Rating	1 Phase 32A @ 7.2kWh

Specifications

Product Code	RCC23205
Voltage	240V
Current	32A
Max Power	7.2kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	390x370x110mm
Product Weight	2330g
Pack Weight	2900g
Case Quantity	4 x 1
Barcode	5055175249216

SINGLE PHASE TYPE 2 16A

RCC21605



- Compatible with all 16A (single phase) Type 2 charge points
- Type 2 (IEC 62196-2) to Type 2 (IEC 62196-2)

Charge times using 16A (1 phase) cables*

30kWh Battery	8hr
60kWh Battery	16hr
90kWh Battery	24hr
Supply Type Charger Rating	1 Phase 16A @ 3.6kWh

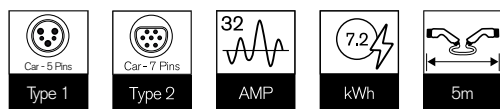
Specifications

Product Code	RCC21605
Voltage	240V
Current	16A
Max Power	3.6kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	390x370x110mm
Product Weight	1650g
Pack Weight	2220g
Case Quantity	4 x 1
Barcode	5055175249209

EV CHARGING CABLES

EV CHARGING CABLE SINGLE PHASE TYPE 1 32A

RCC13205



- Compatible with all 32A (single phase) Type 2 charge points
- Type 2 (IEC 62196-2) to Type 1 (SAE J1772)

Charge times using 32A (1 phase) cables*

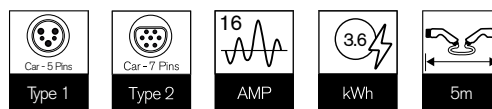
30kWh Battery	4hr
60kWh Battery	8hr
90kWh Battery	12hr
Supply Type Charger Rating	1 Phase 32A @ 7.2kWh

Specifications

Product Code	RCC13205
Voltage	240V
Current	32A
Max Power	7.2kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	390x370x110mm
Product Weight	2270g
Pack Weight	2840g
Case Quantity	4 x 1
Barcode	5055175249230

SINGLE PHASE TYPE 1 16A

RCC11605



- Compatible with all 16A (single phase) Type 2 charge points
- Type 2 (IEC 62196-2) to Type 1 (SAE J1772)

Charge times using 16A (1 phase) cables*

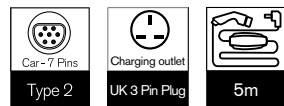
30kWh Battery	8hr
60kWh Battery	16hr
90kWh Battery	24hr
Supply Type Charger Rating	1 Phase 16A @ 3.6kWh

Specifications

Product Code	RCC11605
Voltage	240V
Current	16A
Max Power	3.6kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	390x370x110mm
Product Weight	1570g
Pack Weight	2140g
Case Quantity	4 x 1
Barcode	5055175249193

EV PORTABLE CHARGER UK 3-PIN TO TYPE 2

RPC20A05



Overview

Perfect if you do not have access to a Type 2 charging station. These chargers come with a 3 pin plug at one end for connecting to the mains power supply and either Type 1 or Type 2 connection for suitable EVs. Charging current can be switched between 6/10/13A to suit the vehicle and charge times required. LCD Screen shows charging information.

CHARGE TIMES USING RING PORTABLE EV CHARGERS

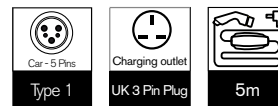
Supply Type Charger Rating	Rated Power	Charge Time*		
		30kWh Battery	60kWh Battery	90kWh Battery
13A	3kWh	10hr	20hr	30hr
10A	2.3kWh	13hr	26hr	39hr

Specifications

Product Code	RPC20A05
Voltage	240V
Current	6/10/13A
Max Power	3kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	310 x 410 x 90mm
Product Weight	2688g
Pack Weight	2840g
Case Quantity	4 x 1
Barcode	5055175249186

UK 3-PIN TO TYPE 1

RPC10A05



Specifications

Product Code	RPC10A05
Voltage	240V
Current	6/10/13A
Max Power	3kWh
Overall Length	5000mm
Cable Length	4600mm
Pack Size	310 x 410 x 90mm
Product Weight	2628g
Pack Weight	2860g
Case Quantity	4 x 1
Barcode	5055175249179

A Light

For Every Job

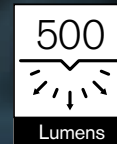
Also look out for our Professional Inspection Lamps.

Ring's new uniquely designed **MAGflex** inspection lamps are bright, portable, rechargeable and tough enough to withstand oil, dirt and knocks.

Packed with features such as advanced LED technology, magnets, flexible ratchet mechanisms, hooks and focused torches, the **MAGflex** range ensures professionals can get on with the job.

RIL6300 **MAGFLEX** SLIM500

Rechargeable slim
inspection lamp



Your trade

Our tech

#MyLamp



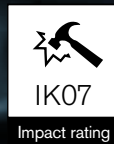
RIL6200 **MAGFLEX** MAX500

Rechargeable handheld inspection
lamp with UV torch function



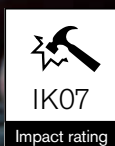
RIL6100 **MAGFLEX** MAX250

Rechargeable handheld
inspection lamp



RIL6400 **MAGFLEX** HEADTORCH250

Rechargeable headtorch with
integrated motion sensor



DESIGNED WITH
THE PROFESSIONAL IN MIND



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