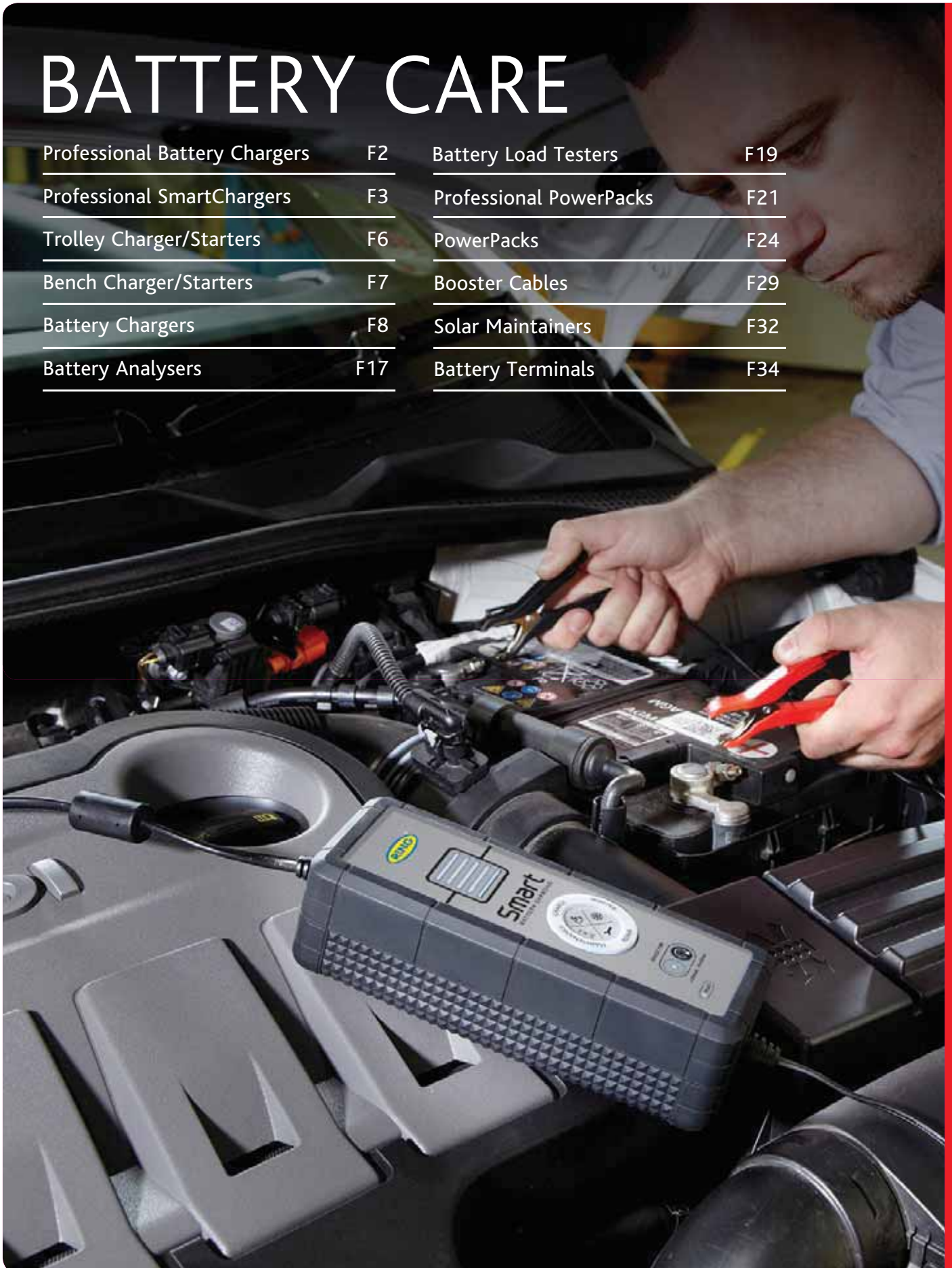


BATTERY CARE

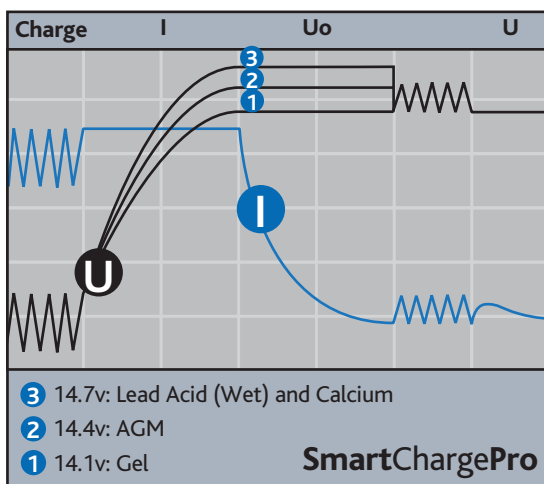
Professional Battery Chargers	F2	Battery Load Testers	F19
Professional SmartChargers	F3	Professional PowerPacks	F21
Trolley Charger/Starters	F6	PowerPacks	F24
Bench Charger/Starters	F7	Booster Cables	F29
Battery Chargers	F8	Solar Maintainers	F32
Battery Analysers	F17	Battery Terminals	F34



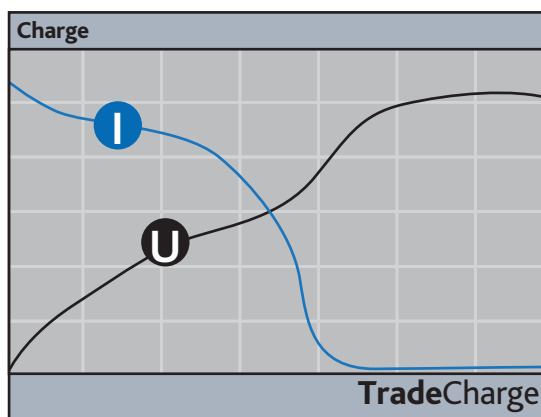
PROFESSIONAL BATTERY CHARGERS

Battery Charging for Professionals

SmartChargePro



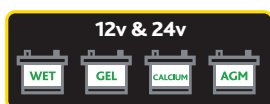
TradeCharge



SmartChargePro features:

Programmable Multi Chemistry

Designed to suit all vehicle battery types: Lead acid (wet), Gel, Calcium and AGM. Adjusts the charge to match precisely the specific battery type - extending battery life and improving battery performance.



Battery Type	Voltage
Lead Acid (wet)	14.7v
Gel	14.1v
AGM	14.4v
Calcium	14.7v

Battery Support Unit (Power Supply)

Ideal for maintaining a constant battery voltage level when appliances or vehicle diagnostic equipment are connected and require power. Ideal if diagnostic equipment is used.

Manual Reconditioning

Restores a battery from a deeply discharged state allowing the battery to operate at full performance and increases battery life.

Fast Charging

With up to 50A charging capacity available, a battery can be quickly recharged and functional.

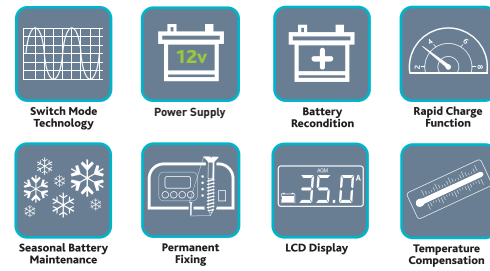
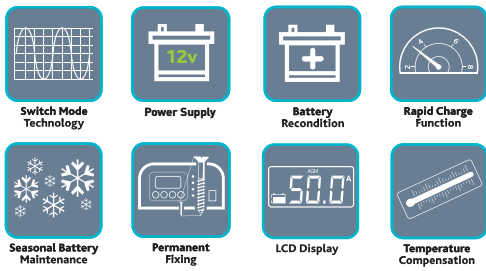
Temperature Compensation

Adjusts the charge rate to compensate for any increase in the battery temperature.

LCD Display

Multi functioning LCD display provides all the required information to identify exactly the state of the battery and where you are in the charging process.

CE Approved All Ring Battery Chargers are tested and certified to the relevant EMC & LVD Directives.



50A, 12V Professional SmartCharger

35A, 12V Professional SmartCharger

- 8 stage intelligent battery smart charger
- Up to 50 amp charging current
- Battery support unit maintains the battery voltage when diagnostics are connected drawing power
- Programmable multi-chemistry specific charging profile for different battery types
- Multifunction LED
- Manual battery reconditioning
- Temperature compensation
- Optional full function remote control panel (RSCPRC)

- 8 stage intelligent battery smart charger
- Up to 35 amp charging current
- Battery support unit maintains the battery voltage when diagnostics are connected drawing power
- Programmable multi-chemistry specific charging profile for different battery types
- Multifunction LED
- Manual battery reconditioning
- Temperature compensation
- Optional full function remote control panel (RSCPRC)

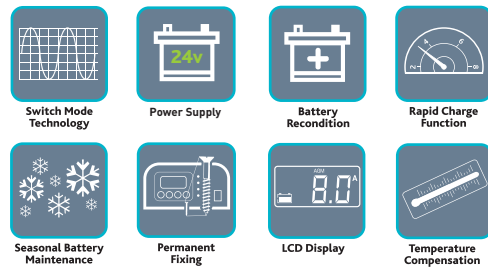
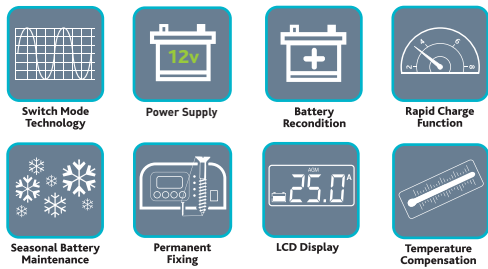
Specifications	UK/Euro
Part number	RSCPR50
AC Input Voltage	230 Volts
DC Output Voltage	12 Volts
Charge Rates	2/6/12/25/50A
LCD Display	✓
Battery Capacity	14-1000Ah
Battery compatibility	Flooded/Calcium/Gel/AGM
Temperature Compensation	✓
Weight (kg)	4.1kg
Pack dimensions	H97 x W304 x D425mm
Pack qty	4 x 1
Barcode	5055175221298

Specifications	UK/Euro
Part number	RSCPR35
AC Input Voltage	230 Volts
DC Output Voltage	12 Volts
Charge Rates	2/8/16/35A
LCD Display	✓
Battery Capacity	14-700Ah
Battery compatibility	Flooded/Calcium/Gel/AGM
Temperature Compensation	✓
Weight (kg)	4.1kg
Pack dimensions	H97 x W304 x D425mm
Pack qty	4 x 1
Barcode	5055175221281

Accessories
RSCPRC Remote control panel

Accessories
RSCPRC Remote control panel

Battery Care



25A, 12V Professional SmartCharger

- 8 stage intelligent battery smart charger
- Up to 25 amp charging current
- Battery support unit maintains the battery voltage when diagnostics are connected drawing power
- Programmable multi-chemistry specific charging profile for different battery types
- Multifunction LED
- Manual battery reconditioning
- Temperature compensation
- Optional full function remote control panel (RSCPRC)

8A, 24V Professional SmartCharger

- 8 stage intelligent battery smart charger
- Up to 8 amp charging current
- Battery support unit maintains the battery voltage when diagnostics are connected drawing power
- Programmable multi-chemistry specific charging profile for different battery types
- Multifunction LED
- Manual battery reconditioning
- Temperature compensation
- Optional full function remote control panel (RSCPRC)

Specifications	UK/Euro
Part number	RSCPR25
AC Input Voltage	230 Volts
DC Output Voltage	12 Volts
Charge Rates	2/6/12/25A
LCD Display	✓
Battery Capacity	14-500Ah
Battery compatibility	Flooded/Calcium/Gel/AGM
Temperature Compensation	✓
Weight (kg)	3.2kg
Pack dimensions	H97 x W304 x D425mm
Pack qty	4 x 1
Barcode	5055175221274

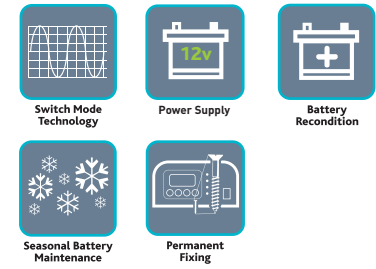
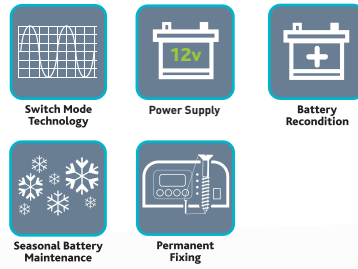
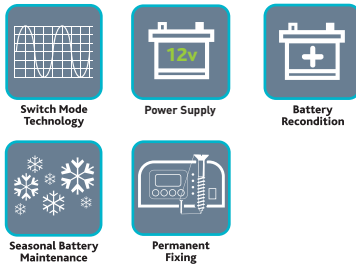
Accessories

RSCPRC Remote control panel

Specifications	UK/Euro
Part number	RSCPR824
AC Input Voltage	230 Volts
DC Output Voltage	24 Volts
Charge Rates	2/4/6/8A
LCD Display	✓
Battery Capacity	14-160Ah
Battery compatibility	Flooded/Calcium/Gel/AGM
Temperature Compensation	✓
Weight (kg)	3.2kg
Pack dimensions	H98 x W305 x D420mm
Pack qty	4 x 1
Barcode	5055175221304

Accessories

RSCPRC Remote control panel



15A, 12V Professional SmartCharger

- 8 stage intelligent battery smart charger
- 15 amp charging current
- Power supply mode
- Programmable multi-chemistry specific charging profile for different battery types

10A, 12V Professional SmartCharger

- 8 stage intelligent battery smart charger
- 10 amp charging current
- Power supply mode
- Programmable multi-chemistry specific charging profile for different battery types

7A, 12V Professional SmartCharger

- 8 stage intelligent battery smart charger
- 7 amp charging current
- Power supply mode
- Programmable multi-chemistry specific charging profile for different battery types

Specifications

	UK/Euro	UK/Euro	UK/Euro
Part number	RSCPR15	RSCPR10	RSCPR7
AC Input Voltage	230 Volts	230 Volts	230 Volts
DC Output Voltage	12 Volts	12 Volts	12 Volts
Charge Rates	15A	10A	7A
LCD Display	-	-	-
Battery Capacity	85-200Ah	70-200Ah	50-140Ah
Battery compatibility	Flooded/Calcium/Gel/AGM	Flooded/Calcium/Gel/AGM	Flooded/Calcium/Gel/AGM
Temperature Compensation	-	-	-
Weight (kg)	1.9kg	1.7kg	1.6kg
Pack dimensions	H87 x W236 x D341mm	H90 x W236 x D342mm	H87 x W237 x D340mm
Pack qty	8 x 1	8 x 1	8 x 1
Barcode	5055175221267	5055175221250	5055175221243

Battery Care



Battery type



LED display



Timer



Engine start



Charge settings



Battery type



LED display



Engine start



Charge settings



55A, 12V/24V Trolley Charger/Starter

- 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

40A, 12V/24V Trolley Charger/Starter

- 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

Specifications

Specifications	UK/Euro
Part number	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 (kg)	28kg
Pack dimensions	H818 x W513 x D433mm
Pack qty	1 x 1
Barcode	5055175223551

UK/Euro

Part number	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 (kg)	21kg
Pack dimensions	H750 x W453 x D407mm
Pack qty	1 x 1
Barcode	5055175223544



35A, 12V/24V Bench Charger/Starter

- Up to 35 amp charging current
- 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

30A, 12V/24V Bench Charger/Starter

- Up to 30 amp charging current
- 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

Specifications	UK/Euro
Part number	RCBT35
AC Input Voltage	230 Volts
AC Input Power (12/24v)	800 / 1400 Watts
Charge Current (effective RMS)	35 Amps
Start Current (effective RMS)	180 Amps
Battery Capacity	40 - 350Ah
Output fuse	1 x 50 Amp
Weight (kg)	14kg
Pack dimensions	H373 x W486 x D426mm
Pack qty	1 x 1
Barcode	5055175223537

Specifications

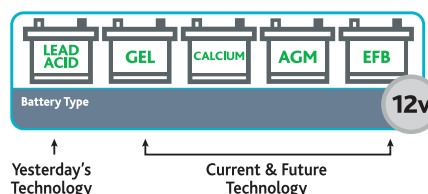
Specifications	UK/Euro
Part number	RCBT30
AC Input Voltage	230 Volts
AC Input Power (12/24v)	650 / 1200 Watts
Charge Current (effective RMS)	30 Amps
Start Current (effective RMS)	150 Amps
Battery Capacity	30 - 300Ah
Output fuse	Thermal
Weight (kg)	11kg
Pack dimensions	H354 x W403 x D338mm
Pack qty	1 x 1
Barcode	5055175223520

BATTERY CHARGERS & SMART BATTERY CHARGERS

Vehicle power requirements are on the increase and have been for many years. With the inclusion of more advanced engine management systems, in-car multimedia and other electronic features designed to improve the driving experience, the vehicles power and battery requirements have also had to be updated to cope with this.

Gone are the days when the traditional lead acid battery was the only battery type available. Today because of a vehicle's much higher power requirements many new types are available.

It is expected that by 2017 70% of all vehicles manufactured in Europe will include START/STOP technology. START/STOP vehicles include special AGM (Advanced Glass Matt) or EFB (Enhanced Flooded Battery) batteries to deliver the high power performance these vehicles need.

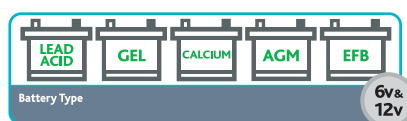
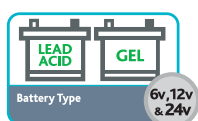


Battery Chargers

- Ideally suited for traditional lead acid (wet) and Gel batteries
- Products available in both plastic cases and metal cases for tougher environments
- Automatic chargers provide 2 x charge settings (fast/slow)

Smart Battery Chargers

- Suitable for most vehicle battery types, including start/stop vehicles
- Charges twice as fast as a standard battery charger
- Can be left safely connected to a battery for an indefinite period
- Include battery maintenance features to increase battery performance and prolong battery life



CE Approved

All Ring Chargers and Smart Chargers are tested and certified to the relevant EMC & LVD Directives

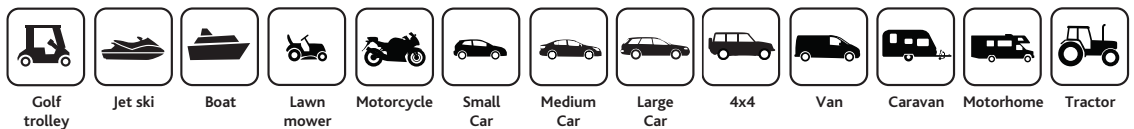
SELECTING THE RIGHT CHARGER

A battery represents an expensive investment. A large percentage of these batteries will not last up to their designed life, typically five years. Poor battery maintenance, including over charging and undercharging are significant reasons why batteries fail. Therefore, selecting the right battery charger is an important choice.

Stage 1

Identify the vehicle type

Select your vehicle type, each Ring charger or SmartCharger includes the type of vehicles it can charge



Stage 2

Identify the battery size and battery charging rate

Most vehicle batteries are rated in Ah (amp hours). As a guide use the following to calculate recharge time: 6 hours minimum, 24hrs maximum, typical 10hrs.

E.G. 120Ah battery – average optimal charging rate for that battery is 12A.

Ave: 120Ah / 10Hrs = 12A, Min: 120Ah / 24hrs = 5A, Max: 120Ah / 6Hrs = 20A

Chargers with multiple charging rates do provide fast charging and maintenance charging options



Stage 3

Identify the battery type

Lead acid or wet batteries are the traditional automotive battery type and can be charged by both standard chargers and smart chargers.

Gel batteries often used as a deep cycle, leisure or a marine battery solution. Due to their sensitivity to overcharging smart chargers are the best charging solution

Calcium batteries require a higher charging voltage and therefore require a smart charge solution

AGM batteries used in a large number of **START/STOP** vehicles allow for a higher charging current to fast charge and also need a regulated charging voltage meaning that smart is the best charging solution.

Stage 4

Identify other features required

Other features to consider when selecting your battery charger include:

Weatherproof SmartChargers up to 4A are IP65 weatherproof, safely allowing outdoor charging of a battery

Battery maintenance functions – 7 stage SmartChargers include features to recover a deeply discharged battery prolonging battery life and improving performance

High power standard chargers include an **engine start function** for an immediate jump starting

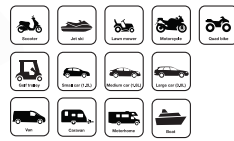
For **long term connection** and batteries/vehicles used only seasonally SmartChargers are the best solution as when the battery is fully charged additional charge is only applied when required.

Choose your battery charger

Battery Care

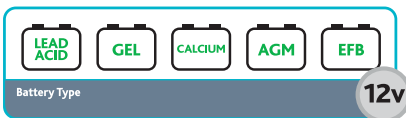


12 amp
For vehicles up to 5.0L



8 amp
For vehicles up to 3.0L

- Multi stage fully automatic SmartChargers
- Auto Charge applies the fastest charge, based on battery size
- Includes settings for both standard vehicles and START/STOP
- Includes battery repair tools to increase performance and battery life
- Includes the following battery and alternator analysis tools
 - Battery voltage – displays as a % the voltage status of a battery
 - Start power test – measures voltage drop during engine start to identify potential battery issues
 - Alternator check – tests the recharging performance of the vehicles alternator
 - Battery cranking performance (RSC612 / RESC612) – measures the battery's cold cranking performance to determine engine starting ability
- Interactive LCD display
- Memory saver function allows vehicle and audio settings to be retained if the battery is removed



Patent Pending

Specifications	UK	Euro	UK	Euro
Part number	RSC612	RESC612	RSC608	RESC608
Battery Capacity	12-300Ah		12-220Ah	
Charging Current	Variable up to 12A		Variable up to 8A	
Nominal Voltage	12v		12v	
Battery clamps cable length	1.8m		1.8m	
Winter Charging mode	✓		✓	
Battery Voltage Test	✓		✓	
Alternator Test	✓		✓	
Start Power Test	✓		✓	
Battery Performance (CCA) Test	✓			
Weight	TBA		TBA	
Pack Dimensions	TBA		TBA	
Pack Qty	3 x 1		3 x 1	
Barcode	5055175235301	5055175235684	5055175235295	5055175235677



5 amp + Maintenance
For vehicles up to 5.0L

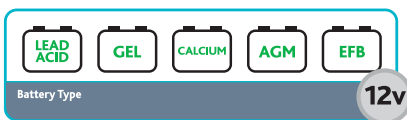


4 amp + Maintenance
For vehicles up to 3.0L



0.8 amp
Maintenance Charger

- Multi stage fully automatic SmartChargers
- LED indicators show specific charging mode selected
- All models include a maintenance charge setting
- RSC605 / RESC605 includes:
 - Charge stage indicator – displays where you are in the charging process
 - Includes settings for both standard and START/STOP vehicles
 - Includes charging, maintenance, winter and repair modes
 - Rubber wrap outer for added protection and grip
- Polarity protection
- Fully insulated battery clips



Patent Pending

Specifications	UK	Euro	UK	Euro	UK	Euro
Part number	RSC605	RESC605	RSC604	RESC604	RSC601	RESC601
Battery Capacity	2-110Ah* 2-160Ah**		2-90Ah* 2-140Ah**		2-32Ah* 2-100Ah**	
Charging Current	5A		4A		0.8A	
Nominal Voltage	12v		12v		12v	
Battery clamps cable length	1.8m		1.8m		1.8m	
Charge Rate Indicator	✓					
Winter Charging mode	✓					
Battery Repair Function	✓					
Maintenance Mode Setting	✓		✓		✓	
Battery Clamps only			✓			
Battery Clamps and Terminal Connectors	✓				✓	
Weight	TBA		TBA		TBA	
Pack Dimensions	TBA		TBA		TBA	
Pack Qty	5 x 1		5 x 1		5 x 1	
Barcode	5055175235639	5055175235660	5055175235622	5055175235653	5055175235615	5055175235646

*Battery Charging **Maintenance Charging

Battery Care



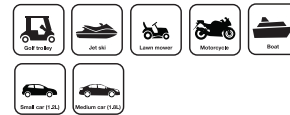
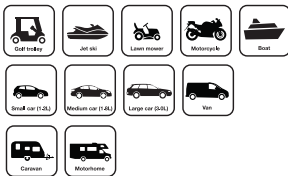
27 amp
Suitable for 12v vehicles

- 27A high capacity battery charger
- 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	UK
Part number	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	H260XW320xD320
Pack Qty	2 x 1
Barcode	5055175235134

Not suitable for use on START/STOP batteries



20 amp
Suitable for 12v vehicles up to 12,000cc

12 amp
Suitable for 6v/12v vehicles up to 5,000cc

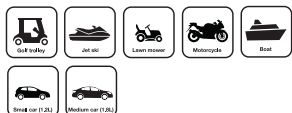
- Fully automatic battery chargers with fast/slow charge settings
- Tough metal and rubberised construction
- Includes both LED indicators and ammeter to display charge status
- 6v and 12v charging solutions available
- Engine start option available



Specifications	UK	Euro	UK	Euro
Part number	RCB320	RECB320	RCB312	RECB312
Charger Type	Automatic		Automatic	
Battery Capacity	20-225Ah		20-180Ah	
Charging Current	20A (fast)/3A (slow)		12A (fast)/3A (slow)	
Nominal Voltage	12v		6v/12v	
Battery clamps cable length	1.8m		1.8m	
Engine start	150A		-	
Weight	7.2Kg		4.17Kg	
Pack Dimensions	H230xW470xD280		H205xW410xD220	
Pack Qty	2 x 1		2 x 1	
Barcode	5055175212142	5055175212227	5055175212135	5055175212210

Not suitable for use on START/STOP batteries

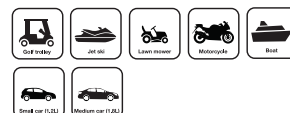
Battery Care



12 amp
Suitable for 12v vehicles up to 3,000cc

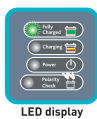
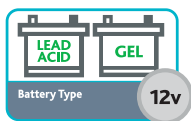


8 amp
Suitable for 12v vehicles up to 2,500cc



6 amp
Suitable for 6v / 12v vehicles up to: 1,600cc

- A range of automatic and manual battery chargers
- LED indicators display 'Charging' and 'Charged' status
- Models available for both 6v and 12v charging
- Convenient storage location for the battery clips and AC mains plug



Specifications	UK	Euro	UK	Euro	UK	Euro
Part number	RCB212	RECB212	RCB208	RECB208	RCB206	RECB206
Charger Type	Automatic		Automatic		Manual	
Battery Capacity	20-180Ah		20-120Ah		20-70Ah	
Charging Current	12A (fast)/3A (Slow)		8A (fast)/3A (Slow)		6A	
Nominal Voltage	12v		12v		6v/12v	
Battery clamps cable length	1.3m		1.3m		1.3m	
Weight	3.8Kg		2.61Kg		2.53Kg	
Pack Dimensions	H250xW275xD125		H250xW275xD125		H250xW275xD125	
Pack Qty	3 x 1		3 x 1		3 x 1	
Barcode	5055175212128	5055175212203	5055175212111	505517521297	5055175212104	5055175212180

Not suitable for use on START/STOP batteries



RCB106/RECB106

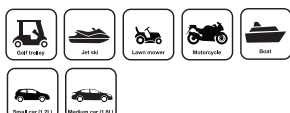
RCB104/RECB104



RCB75



6 amp
Suitable for 12v vehicles
up to 1,600cc



4 amp
Suitable for 12v vehicles
up to 1,200cc



0.75 amp
Suitable for 6v/12v
Maintenance charging

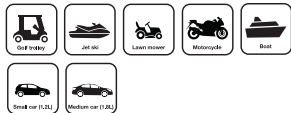
- A range of 4A and 6A manual battery chargers and 0.75A maintenance charger
- LED indicators display 'Charging' and 'Charged' status
- 4A / 6A suitable for charging 12v lead acid batteries
- Maintenance chargers suitable for 6v/12v lead acid and Gel batteries
- 4A / 6A include convenient storage location for the battery clips and AC mains plug



Specifications	UK	Euro	UK	Euro	UK	Euro
Part number	RCB106	RECB106	RCB104	RECB104	RCB75	RECB75
Charger Type	Manual		Manual		Automatic	
Battery Capacity	20-70Ah		20-50Ah		1-35Ah Charging 1-100Ah Maintain	
Charging Current	6A		4A		0.75A (fast) 0.15A (Slow)	
Nominal Voltage	12v		12v		6v/12v	
Battery clamps cable length	1.2m		1.2m		1.8m	
Battery connection provided	Clamps		Clamps		Clamps/Connectors	
Weight	2.17Kg		1.18Kg		1.18Kg	
Pack Dimensions	H220xW220xD240		H220xW220xD240		H240xW160xD88	
Pack Qty	3 x 1		3 x 1		6 x 1	
Barcode	5055175212098	5055175212173	50551875212081	5055175212166	5055175230924	5055175230511

Not suitable for use on START/STOP batteries

Battery Care



6 amp
Suitable for 12v vehicles up to 1,600cc

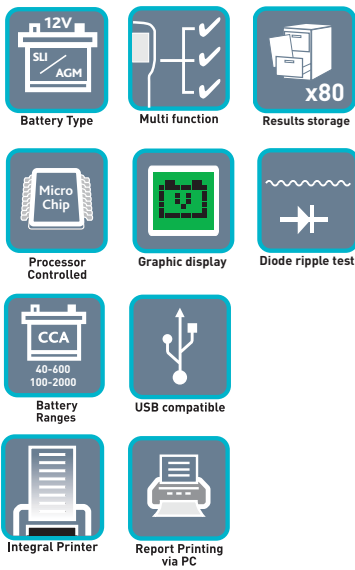


4 amp
Suitable for 12v vehicles up to 1,200cc

- A range of 4A and 6A manual battery chargers
- LED indicators display 'Charging' and 'Charged' status
- Suitable for charging 12v lead acid batteries



Specifications	UK	UK
Part number	RCB6	RCB4
Charger Type	Manual	Manual
Battery Capacity	20-50Ah	20-70Ah
Charging Current	6A	4A
Nominal Voltage	12v	12v
Battery clamps cable length	1.2m	1.2m
Weight	2.2Kg	1.58Kg
Pack Dimensions	H202xW160xD240	H202xW160xD240
Pack Qty	3 x 1	3 x 1
Barcode	5055175230580	5055175230573



12V Graphical Battery Analyser with Printer

- Multi-function testing of battery, alternator, starter and vehicle earth
- Intuitive Graphical User Interface
- Integrated thermal printer for instant recording of results
- Memory storage up to 80 results allows multi-vehicle testing
- Battery range setting for smaller motorcycle batteries
- Selectable battery types for SLI & AGM
- Temperature compensation for more accurate results
- Alternator diode ripple test function
- Includes icon driven software to allow report printing via PC
- Robust storage case

Specifications

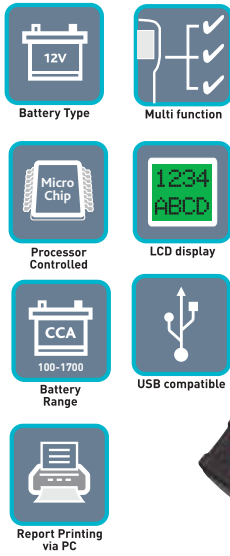
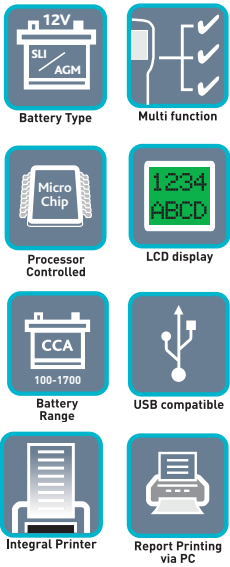
Specifications	UK/Euro
Part Number	RBAG700
Test Method	Microprocessor controlled
Voltage	12V
Battery Types	SLI & AGM
Display Type	Graphic LCD with backlight
Battery CCA ranges	40-600 (low range), 100-2000 (high range)
Battery Standards	CCA, SAE, DIN, JIS, IEC, EN, CA
Battery Test	✓
Alternator Test	✓
Diode Ripple Test	✓
Starter Test	✓
Earth Test	✓
Data download & printing	✓
Integral Printer	✓
Pack dimensions	260(H) x 360(W) x 98(D)
Pack qty	8 x 1
Barcode	5055175235004

Software Included



Battery Care

Battery Analysers F18



12v Battery Electrical System Analyser with Printer

- Multi-function testing of battery, alternator, starter and vehicle earth
- Integrated thermal printer for instant recording of results
- Includes software disc to allow personalised report printing via PC
- Microprocessor controlled testing without loading battery
- Large 3"/7.5cm backlit LCD display
- Selectable battery types for SLI & AGM
- Programmable battery capacity & rating system
- Surface charge removal feature
- Tests batteries in or out of vehicle
- Robust storage case
- Reverse polarity protection

12v Battery Electrical System Analyser

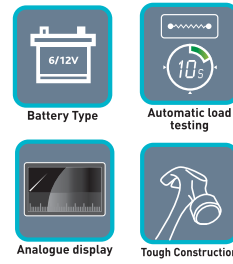
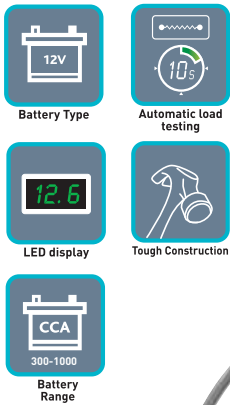
- Multi-function testing of battery, alternator, starter and vehicle earth
- Microprocessor controlled testing without loading battery
- Backlit LCD display
- Programmable battery capacity and available battery standards
- Surface charge removal feature
- Tests batteries in or out of vehicle
- Robust storage case
- Reverse polarity protection
- Includes software disc to allow report printing via PC
- Velcro cord storage and carry strap

Specifications

Specifications	UK/Euro
Part number	RBA650
Test Method	Load-free Micro processor controlled
Battery Type	12V
Display Type	LCD (alphanumeric)
Battery CCA range	100 - 1700
Programmable battery standards	DIN, EN, IEC, JIS, CCA, SAE
Battery Test	✓
Alternator Test	✓
Starter Test	✓
Earth Test	✓
Data download & printing	✓
Pack dimensions	H260 x W360 x D98mm
Pack qty	8 x 1
Barcode	5055175230788

Specifications

Specifications	UK/Euro
Part number	RBA600
Test Method	Micro processor controlled
Battery Type	12V
Display Type	LCD (alphanumeric)
Battery CCA range	100 - 1700
Programmable battery standards	DIN, EN, IEC, JIS, CCA
Battery Test	✓
Alternator Test	✓
Starter Test	✓
Earth Test	✓
Data download & printing	✓
Pack dimensions	H220 x W260 x D70mm
Pack qty	20 x 1
Barcode	5055175229256



12v Digital Battery Load Tester

- 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

6/12v Analogue Battery Load Tester

- 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

	UK/Euro	UK/Euro
Part number	RBA15	RBA10
Test Method	125A Load	50A Load
Battery Type	12V	6V/12V
Display Type	LED (7-segment)	Analogue
Battery CCA range	300 - 1000	300 - 500
Programmable battery standards	CCA	-
Battery Test	✓	✓
Alternator Test	✓	✓
Starter Test	✓	✓
Earth Test	-	-
Data download & printing	-	-
Pack dimensions	H325 x W165 x D85mm	H325 x W165 x D85mm
Pack qty	10 x 1	10 x 1
Barcode	5055175229232	5055175229225

Battery Care



Battery Analyser
12v Digital

- Microprocessor controlled battery testing
- Scrolling alpha-numeric LED display
- Programmable battery capacity and battery standards
- Test batteries in and out of vehicle
- Reverse polarity protection



Battery Tester
DC Plug

- Voltmeter with fused DC plug
- LED display shows battery voltage
- LED indicators show voltage as high, medium or low
- Connects to the vehicle's DC power socket



Battery Tester
Battery Clips

- 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



Battery Type



Processor Controlled



LED display



Battery Range



Battery Type



12v DC Plug



Battery Type



Battery connectors

Specifications

	UK/Euro	UK/Euro	UK/Euro
Part number	RBA50	RBA3	RBA4
Battery Type	12v	12/24v	12.24v
Cable length	70cm	30cm	90cm
Battery CCA range	100 - 1700	-	-
Weight	0.28Kg	0.135Kg	0.135Kg
Pack dimensions	H220 x W260 x D70mm	H175 x W75 x D60mm	H175 x W75 x D60mm
Pack qty	20 x 1	10 x 1	10 x 1
Barcode	5055175229249	5055175215990	5055175216003

POWER PACKS

Multi-vehicle jump starting when you need it most

TradeStart professional power packs are able to provide multiple, high capacity jump starts in the most demanding of environments. The packs feature high capacity AGM batteries, some of which use 'pure lead' technology, widely used in aviation and military applications for their proven reliability and long service life. Ideal for car and commercial retailers, fleet operators, service engineers and agricultural outlets.



Ring power packs offer a choice of battery types from occasional light commercial use up to repeated starting on heavy goods vehicles.

BATTERY TYPES

SLA

Standard Sealed lead acid battery providing cost effective jump starting for light commercial vehicles

HD SLA

Heavy duty version of a sealed lead acid battery which offers improved starting performance compared to the standard SLA Battery.

Spiral AGM

Spiral wound AGM technology battery providing a more powerful starting performance than SLA batteries along with a lower self discharge

genesis PURELEAD

Premium Genesis AGM battery which uses 'pure lead' technology to provide the highest cranking output for its size. These batteries also have the longest service and shelf life available.

GENESIS PURE LEAD TECHNOLOGY

Batteries that are ideally suited to jump starting applications, where high currents are often demanded at cold temperatures.

- High cranking ability
- Service life up to 10 years
- Storage up to 2 years from fully charged
- Multiple jump starts from each charge
- Can be stored vertically or horizontally



CE Approved All Ring Power Packs are tested and certified to the relevant EMC & LVD Directives.

Battery Care



TradeStart 3200 / 3224

- Premium Genesis AGM batteries with 'pure lead' technology
- Anti-spike protection avoids vehicle ECU damage
- Reverse polarity warning buzzer and indicator
- Side handles for 2-person lifting
- Optional narrow track trolley
- Up to 10 x Truck starts (24v, 7 litre)
- Manufactured in the UK
- Shatterproof, impact resistant polymer casing

TradeStart 2400

- Premium Genesis AGM battery with 'pure lead' technology
- Up to 25 x Car starts (12v, 1.6 litre)
- Anti-spike protection avoids vehicle ECU damage
- Reverse polarity warning buzzer and indicator
- Manufactured in the UK
- Shatterproof, impact resistant polymer casing

Specifications

	UK/Euro		UK/Euro
Part number	RPP3200	RPP3224	RPP2400
Voltage	12V/24V	24V	12V
Peak Amps	2400A/3200A	3200A	2400A
Cranking Amps	1100A	1100A	1100A
Cold Cranking Amps	370A	370A	370A
Battery Size	2 x 26Ah		1 x 26Ah
Battery Type	Pure Lead Genesis AGM		Pure Lead Genesis AGM
Battery Shelf Life	2 years		2 years
Battery Service Life	up to 10 years		up to 10 years
Starting ability - 12V Petrol engines	up to 7 litres	N/A	up to 7 litres
- 12V Diesel engines	up to 5.5 litres	N/A	up to 5.5 litres
- 24V Diesel engines	up to 14 litres	up to 14 litres	-
Charge time from flat	5.5hrs to 95%		6.5hrs to 95%
Charger specification	10 Amp, 12v		4 Amp, 12v
Cable length/gauge	2 Metre, 50mm ²		2 Metre, 25mm ²
Weight	24kg		12kg
Pack dimensions	H570 x W180 x D150mm		H385 x W295 x D170mm
Pack qty	1 x 1	1 x 1	1 x 1
Barcode	5055175222417	5055175234199	5055175222400

Accessories

RPPHDT Narrow track trolley



TradeStart M4000

- High capacity spiral wound AGM batteries
- 1000 amp capacity clamps
- Start up to 7 litre truck engines
- 2 x 12V DC sockets
- Multi-function LED display
- Fault warning indicator and buzzer
- Rugged metal casing & transport handle
- High impact wheels with metal bearings
- Integrated cable storage

TradeStart M3000

- Heavy duty sealed lead acid batteries
- 1000 amp capacity clamps
- Start up to 5.5 litre truck engines
- 2 x 12V DC sockets
- Battery status indicators
- Reverse polarity warning buzzer and indicator
- Rugged metal casing
- Integrated cable storage

Specifications

	UK/Euro		UK/Euro	
Part number	RPPM4000		RPPM3000	
Voltage	12V	24V	12V	24V
Peak Amps	4000A	2000A	3000A	1500A
Cranking Amps	1500A	800A	1200A	600A
Cold Cranking Amps	620A	310A	550A	225A
Battery Size	2 x 26Ah		2 x 22Ah	
Battery Type	Spiral AGM		HD SLA	
Battery Shelf Life	18 months		9 months	
Battery Service Life	up to 8 years		up to 4 years	
Starting ability - 12V Petrol engines	up to 12 litres		up to 10 litres	
- 12V Diesel engines	up to 9 litres		up to 7.5 litres	
- 24V Diesel engines	up to 7 litres		up to 5.5 litres	
Charge time from flat	11.5hrs to 95%		10.5hrs to 95%	
Charger specification	4 Amp, 12v		4 Amp, 12v	
Cable length/gauge	1.5 Metre, 35mm ²		1.5 Metre, 35mm ²	
Weight	33kg		19kg	
Pack dimensions	H580 x W355 x D335mm		H390 x W340 x D290mm	
Pack qty	1 x 1		1 x 1	
Barcode	5055175229362		5055175229379	



The ultimate jumpstart and leisure accessory

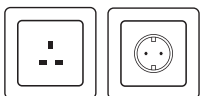
High Capacity PowerPacks

12v, 33Ah PowerPacks, designed to jump-start vehicles up to 3.5L, including 4x4's, vans and small 12v commercial vehicles.

PowerPacks

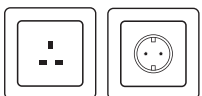
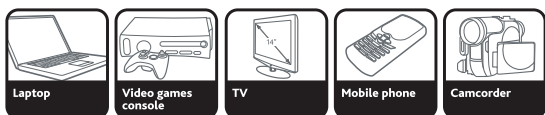
12v, 17Ah PowerPacks which are ideal for jump-starting vehicles up to 2.0L.

Features



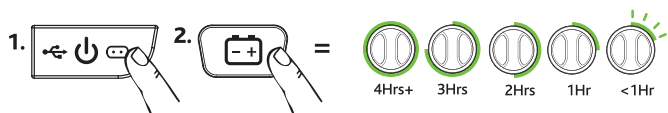
PowerSource Inverter

Provides 230v AC mains power to run the following typical applications.



Inverter Power Test

Pressing the Inverter Power Test button will display the available battery time using the inverter.



Compressor

RPP165/ REPP165/RPP170/REPP170 include a 150psi compressor and adapters which is suitable for inflating vehicle tyres and leisure inflatables.

Charging Station

The charging station provides a convenient and easy to use charging solution for your PowerPack.

Also available separately
– Part No. RPPDC



Battery Power Alarm

When the battery voltage reduces to between 11.2v and 10.5v an alarm sounds to remind the end user to recharge the PowerPack. Press any button to disable this alarm for 8 hours.



Battery Power Test

The Battery Power Test displays the available battery power and provides a visual aid to remind the end user to recharge the PowerPack.

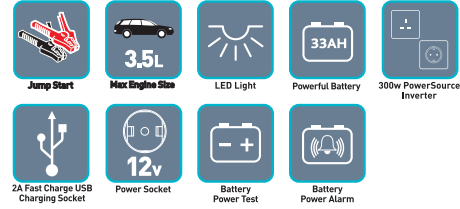
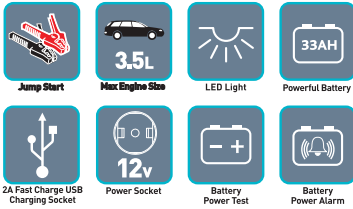




Includes charging station



Includes charging station



PowerPack with Charging Station

- Suitable for jump starting 12v vehicles
- 2.1A high power USB charging socket
- LED work light
- 12v DC power socket
- Includes charging station

PowerPack with 300w Inverter and Charging Station

- Suitable for jump starting 12v vehicles
- 230v mains, 300w inverter
- 2.1A high power USB charging socket
- LED work light
- 12v DC power socket
- Includes charging station

Specifications	UK	Euro	UK	Euro
Part Number	RPP260	REPP260	RPP265	REPP265
Voltage	12v		12v	
Peak Amps	800A		800A	
Battery Size	33Ah		33Ah	
300w Inverter	-		✓	
Charging Station	✓		✓	
Weight	14.55Kg		14.92Kg	
Pack Dimensions	325(H)x360(W)x355(D)		325(H)x360(W)x355(D)	
Case Qty	1 x 1		1 x 1	
Barcode	5055175232317	5055175232331	5055175232324	5055175232348

Battery Care

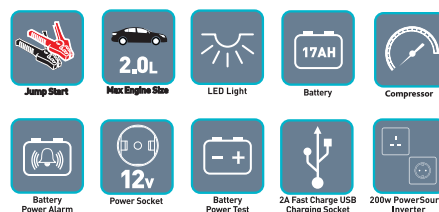
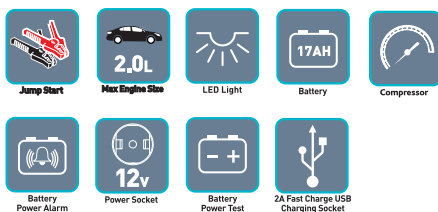
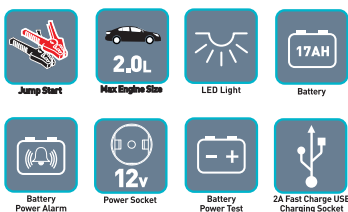
PowerPacks F26



Includes charging station



Includes charging station



PowerPack

- Suitable for jump starting 12v vehicles
- 2.1A high power USB charging socket
- LED work light
- 12v DC power socket

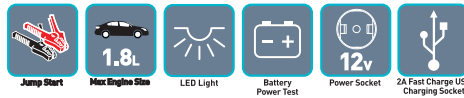
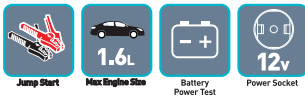
PowerPack with Compressor and Charging Station

- Suitable for jump starting 12v vehicles
- 2.1A high power USB charging socket
- 150psi compressor
- LED work light
- 12v DC power socket
- Includes charging station

PowerPack with Compressor, 200w Inverter and Charging Station

- Suitable for jump starting 12v vehicles
- 230v mains, 200w inverter
- 2.1A high power USB charging socket
- 150psi compressor
- LED work light
- 12v DC power socket
- Includes charging station

Specifications	UK	Euro	UK	Euro	UK	Euro
Part Number	RPP160	REPP160	RPP165	REPP165	RPP170	REPP170
Voltage	12v		12v		12v	
Peak Amps	650A		650A		650A	
Battery Size	17Ah		17Ah		17Ah	
150psi Compressor	-		✓		✓	
200w Inverter	-		✓		✓	
Charging Station	8.50Kg		9.42Kg		9.93Kg	
Weight	325(H)x360(W)x270(D)		325(H)x360(W)x305(D)		325(H)x360(W)x305(D)	
Pack Dimensions	2 x 1		2 x 1		2 x 1	
Case Qty	5055175232256	5055175232287	5055175232263	5055175232294	5055175232270	5055175232300
Barcode						



Compact PowerPack

- Suitable for jump starting 12v vehicles
- Ideal for vehicles up to 1.6L
- 12v DC power socket

Compact PowerPack with LED Light and USB Charging Sockets

- Suitable for jump starting 12v vehicles
- Ideal for vehicles up to 1.8L
- LED work light
- 2x high power USB charging sockets
- 12v DC power socket

Available as a pre-merchandised display pack

Order RPP145MB X 12 to receive the stand pre-packed with 12 units of RPP145

Order RPP148MB X 12 to receive the stand pre-packed with 12 units of RPP148

Order REPP145MB X 12 to receive the stand pre-packed with 12 units of REPP145

Order REPP145MB X 12 to receive the stand pre-packed with 12 units of REPP148

Specifications	UK	Euro	UK	Euro
Part Number	RPP145	REPP145	RPP148	REPP148
Voltage	12v		12v	
Peak Amps	450A		500A	
Battery Size	7Ah		9Ah	
LED Light	-		✓	
USB	-		✓ x2	
Weight	4Kg		4.50Kg	
Pack Dimensions	268(H) x 236(W) x 155(D)		268(H) x 236(W) x 155(D)	
Case Qty	4 x 1		4 x 1	
Barcode	5055175233512	5055175233536	5055175233529	5055175233543



RPP900/REPP900

Lithium ion Phosphate PowerPack

- Compact design, high power jump starting solution
- 12v, 3A LiFePO4 battery delivering a 200A starting current
- Reverse polarity protection
- Short circuit protection
- LED torch
- High power 2.1A USB charging socket
- Includes both AC charging adapter and DC charging lead
- Fully insulated battery clamps

Specifications	UK	Euro
Part number	RPP900	REPP900
Battery type	12v 3A LiFePO4	
Starting current	200A	
Nominal voltage	12v	
Weight	1.25kg	
Pack dimensions	H262 x W236 x D76mm	
Pack qty	5 x 1	
Barcode	5055175235691	5055175235707


Quality:

Each set of cables are manufactured using multi-strand conductors and coated in flexible PVC. All cables are colour coded red and black in order to identify correct polarity.

Safety:

A full set of instructions are printed on the packaging of all products. Additionally, instructions are printed on a durable tag attached to the cables.

RBC500
**Commercial Copper
Booster Cables**

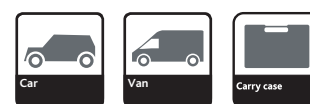
- Fully insulated heavy duty clamps additional safety
- Suitable for agricultural and commercial use
- Supplied in protective nylon bag


RBC350
**Commercial Copper
Booster Cables**

- Fully insulated heavy duty clamps additional safety
- Suitable for LGV and commercial use
- Supplied in protective nylon bag


RBC250
**Professional Copper
Booster Cables**

- Fully insulated heavy duty clamps for extra safety
- Suitable for professional use
- Supplied in a protective plastic carry case



Suitable for vehicles up to 5.5L

Specifications

	UK/Euro	UK/Euro	UK/Euro
Part number	RBC500	RBC350	RBC250
Cross section area	50mm ²	35mm ²	25mm ²
Cable length	5.0 Metres	4.5 Metres	3.5m
Continuous rating	600 Amps	450 Amps	350A
Weight	6.4kg	4.4kg	3.1Kg
Pack dimensions	H350 x W350 x D125mm	H320 x W320 x D80mm	H238xW267xD75
Pack qty	2 x 1	4 x 1	4x1
Barcode	5011274051082	5011274035082	5011274025083

CE Approved All Ring Booster Cables are tested and certified to the relevant EMC & LVD Directives.



RBC250A
Professional booster cables

- Fully insulated heavy duty clamps for extra safety
- Suitable for professional use
- Supplied in a protective nylon bag



Suitable for vehicles up to 5.5L



RBC160
Professional booster cables

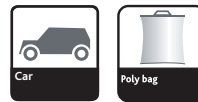
- Fully insulated heavy duty clamps for extra safety
- Suitable for professional use
- Supplied in a protective nylon bag



Suitable for vehicles up to 3.5L

RBC101
Booster cables

- Fully insulated clamps for extra safety
- Supplied in a durable poly- bag with handle



Suitable for vehicles up to 2.0L

Specifications	UK/Euro	UK/Euro	UK/Euro
Part number	RBC250A	RBC160	RBC101
Cross Sectional Area	25mm ²	16mm ²	8.5mm ²
Cable length	3.5m	3.0m	3.0m
Continuous rating	350A	300A	200A
Weight	3.1Kg	2.5Kg	1.9Kg
Pack dimensions	H238xW267xD75	H285xW285xD75	H400xW305xD75
Pack qty	4x1	4x1	8x1
Barcode	5055175234960	5011274016081	5011274010182



RBC060 Booster cables

- Plated steel clamps with insulated handles
- Supplied in a durable poly-bag with handle

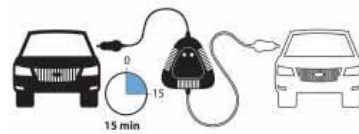
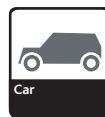


Suitable for vehicles
up to 1.6L



RPP25 Car2Car Starter

- No need to open the bonnet – simply connect to both vehicles' cigarette lighter socket
- LEDs display vehicle battery charge status
- 5 metres of cable allow easy connection between vehicles
- Supplied with nylon storage case for convenient, easy storage



Suitable for vehicles
up to 1.6L

Specifications

	UK/Euro
Part number	RBC060
Cross Sectional Area	6mm ²
Cable length	2.5m
Continuous rating	150A
Weight	1.4Kg
Pack dimensions	H340xW265xD75
Pack qty	10x1
Barcode	5011274006082

UK/Euro

RBC25
–
5.0m
–
1.4Kg
H196xW142xD60
6x1
5055175215716

SOLAR

Keep your battery levels topped up

Clean, green and free energy wherever you are



Works in overcast conditions



Durable water resistant casing



Reverse polarity protected



	Leisure Vehicles			CAR		Van	Motorcycle	Golf Trolley	Jet Ski	Boat	Shed/Garage
	up to 50Ah	up to 100Ah	up to 200Ah	Small cars	Large cars						
RSP150	✓			✓			✓	✓	✓		
RSP240	✓	✓		✓	✓		✓	✓	✓		
RSP600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


RSP150


up to 50Ah


RSP240


up to 100Ah


RSP600


up to 200Ah



- Supplied with 12v DC power plug and battery clips
- Maintains most 12v battery types
- Flashing LED charge indicator - RSP150
- Suction cups for easy mounting - RSP150/240



Works in overcast conditions



Water resistant



Polarity protected

Solar Panel Power Cable

Connects your solar panel to your battery via your vehicles OBDII port


 Provides a permanently 'ON' link between a solar panel and your battery for long term battery maintenance. **Part N°: RSPOBD**

Specifications	UK	UK	UK
Part number	RSP150	RSP240	RSP600
Power rating (Pmax)	1.5watts (1000W/m ² , 25°C)	2.4watts (1000W/m ² , 25°C)	6.0watts (1000W/m ² , 25°C)
Voltage (at Pmax)	17.5v	17.5v	17.5v
Current (at Pmax)	86mA	138mA	343mA
Battery voltage (nominal)	12v	12v	12v
Weight	670g	1150g	2800g
Dimensions	352x125x14mm	350x214x14mm	498x345x15mm
Barcode	5055175216515	5055175219219	5055175230733

BATTERY TERMINALS



Twin Screw Clamping Type

- Die cast zinc alloy (RBT1 - RBT4)
- Die cast brass (RBT5 - RBT8)
- RoHS compliant
- Blister packed in singles - 115mm (H) x 86mm (W)

Specifications	UK/Euro	UK/Euro	UK/Euro	UK/Euro	UK/Euro	UK/Euro	UK/Euro	UK/Euro
Part number	RBT1	RBT2	RBT3	RBT4	RBT5	RBT6	RBT7	RBT8
Polarity Type	Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
Cable size (mm ²)	25 - 40	25 - 40	40 - 60	40 - 60	25 - 40	25 - 40	40 - 60	40 - 60
Amps	400	400	630	630	400	400	630	630
Cable Entry Hole (mm)	9	9	11	11	9	9	11	11
Clamp Bolt (mm)	8	8	8	8	8	8	8	8
Post Entry Hole (mm)	18.4	16.7	18.3	15.7	18.4	16.7	18.3	15.7

Crimp/Ring Band Type

- Manufactured from die cast bronze
- RoHS compliant
- Blister packed in singles - 115mm (H) x 86mm (W)

Specifications	UK/Euro	UK/Euro	UK/Euro	UK/Euro	UK/Euro	UK/Euro
Part number	RBT20	RBT21	RBT25	RBT26	RBT27	RBT28
Polarity Type	Positive	Negative	Positive	Negative	Positive	Negative
Cable size (mm ²)	25 - 40	25 - 40	25 - 40	25 - 40	25 - 40	25 - 40
Amps	400	400	420	420	420	420
Stud Type			M10	M10		
Clamp Bolt (mm)	6	6	6	6	6	6
Post Entry Hole (mm)	18.3mm	16.7mm	18.3mm	16.7mm	17.8mm	16.7mm