



CORDLESS TOOLS



Innovation is
our mission!

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CORDLESS TOOLS Lithium Ion technology

- The high performance cordless tools for the perfect job
- Working without cables with Lithium ion technology
- Ergonomic design, perfect weight distribution
- Low vibration for fatigue free working

Advantages

- Lithium is the lightest metal and supplies the largest energy per unit of weight density (approximatly double that of a Standard Nickel Cadmium battery).
- No formatting, a single charge is enough
- Almost no self discharge
- No memory effect
- 30% less weight than conventional rechargeable batteries

One battery for several devices

Universal spare batteries 10.8V / 1.5Ah



Cordless reversible ratchet



Cordless drills / drivers



Cordless grinder



Cordless impact wrench



Cordless screwdriver

Universal spare batteries 18V / 3.0Ah



All 18 V batteries are suitable for fast charging and have a condition status

Display by pushing a button

Capacity:	25%	50%	75%	100%
LED:				



Cordless impact wrench



Cordless polisher



Cordless grease gun

Cordless impact wrench

- The high performance pneumatic tools for the hardest application
- Working without cables with Lithium ion technology
- Ergonomic design
- Perfect weight distribution
- Low vibration for fatigue free working



Striking mechanism:

- High performance striking mechanism, full metal execution
- Highest blow energy due to the extra large anvil weight

- Conventional striking mechanism



Motor/brushes:

- Super compact high performance motor
- High speed with extra strong torque
- Special carbon brushes, exchangeable
- 40% extended lifespan due to the special carbon brush conductors
- Up to 3-4 brushes changes possible without changing the motor



CORDLESS REVERSIBLE RATCHETS

Cordless reversible ratchet

- Light weight
- Handy and ergonomic dual component housing
- Square drive adaptor to DIN 3120 / ISO 1174
- With practical clockwise and anticlockwise reversing function
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing



1/4"

Technical data:

- Drive: 1/4"
 Capacity: 10,8 V
 Speed: 220 r.p.m.
 Torque max. 34 Nm
 No load current: 5 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah
 Weight (basic unit + battery): 905 g

	L1 mm	L2 mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3499	275.0	60.0	30.0	35.0	515.3595	515.3592	0	0	1.00
515.3500	275.0	60.0	30.0	35.0	515.3595	515.3592	1	1	1.90
515.3501	275.0	60.0	30.0	35.0	515.3595	515.3592	2	1	2.10



Cordless reversible ratchet

- Light weight
- Handy and ergonomic dual component housing
- Square drive adaptor to DIN 3120 / ISO 1174
- With practical clockwise and anticlockwise reversing function
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing



Technical data:

- Drive: 3/8"
 Capacity: 10,8 V
 Speed: 220 r.p.m.
 Torque max. 49 Nm
 No load current: 5 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah
 Weight (basic unit + battery): 980 g

	L1 mm	L2 mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3504	270.0	55.0	30.0	35.0	515.3595	515.3592	0	0	1.00
515.3505	270.0	55.0	30.0	35.0	515.3595	515.3592	1	1	1.90
515.3506	270.0	55.0	30.0	35.0	515.3595	515.3592	2	1	2.10

Cordless reversible ratchet

- Light weight
- Handy and ergonomic dual component housing
- Square drive adaptor to DIN 3120
- With practical clockwise and anticlockwise reversing function
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing



1/2"

Technical data:

- Drive: 1/2"
 Capacity: 10,8 V
 Speed: 180 rpm
 Torque max. 62 Nm
 No load current: 5 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah
 Weight (basic unit + battery): 1,30 kg

	L1 mm	L2 mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3509	300.0	80.0	40.0	45.0	515.3595	515.3592	0	0	1.20
515.3510	300.0	80.0	40.0	45.0	515.3595	515.3592	1	1	2.10
515.3511	300.0	80.0	40.0	45.0	515.3595	515.3592	2	1	2.30

CORDLESS IMPACT WRENCH

Cordless impact screwdriver

- Light weight
- Handy and ergonomic dual component housing
- Tool holder female hexagon 6 point to DIN 3163 - E6,3
- With practical clockwise and anticlockwise reversing function
- Stepless controllable motor speed through electronic switch
- With industrial hammer mechanism
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



1/4"

Technical data:

- Drive: 1/4"
 Capacity: 10,8 V
 Speed: 0 - 1870 rpm
 Torque max. 117 Nm
 No load current: 3,5 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3539	190.0	55.0	195.0	515.3595	515.3592	0	0	1.50
515.3540	190.0	55.0	195.0	515.3595	515.3592	1	1	2.40
515.3541	190.0	55.0	195.0	515.3595	515.3592	2	1	2.60

Cordless impact wrench

- Light weight
- Handy and ergonomic dual component housing
- Square drive adaptor to DIN 3120
- With practical clockwise and anticlockwise reversing function
- Stepless controllable motor speed through electronic switch
- With industrial hammer mechanism
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

- Drive: 3/8"
 Capacity: 10,8 V
 Speed: 0 - 1870 rpm
 Torque max. 117 Nm
 No load current: 3,5 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah
 Weight (basic unit + battery): 1,10 kg

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3514	190.0	55.0	195.0	515.3595	515.3592	0	0	1.80
515.3515	190.0	55.0	195.0	515.3595	515.3592	1	1	2.40
515.3516	190.0	55.0	195.0	515.3595	515.3592	2	1	2.60

Cordless impact wrench

- Handy and ergonomic dual component housing
- Square drive adaptor to DIN 3120
- With practical clockwise and anticlockwise switch
- Stepless controllable motor speed through electronic switch
- With industrial hammer mechanism
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Drive: 1/2"
 Capacity: 18 V
 Speed: 0 - 2000 rpm
 Torque max. 402 Nm
 No load current: 3,5 A
 Charging time: 1 hour
 Rechargeable battery: 18 V - 3,0 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries		
515.3519	240.8	80.0	273.0	515.3596	515.3599	0	0	2.30
515.3520	240.8	80.0	273.0	515.3596	515.3599	1	1	3.60
515.3521	240.8	80.0	273.0	515.3596	515.3599	2	1	4.40

Cordless impact wrench with torque control

- Handy and ergonomic dual component housing
- Square drive adaptor to DIN 3120
- With practical clockwise and anticlockwise reversing function
- With 6 torque-stages
- With industrial hammer mechanism
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Drive: 1/2"
 Capacity: 18 V
 Speed: 0 - 1800 rpm
 Torque max. 539 Nm
 Torque stages: 6 stages
 No load current: 3,5 A
 Charging time: 1 hour
 Rechargeable battery: 18 V - 3,0 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries		
515.3524	256.0	80.0	273.0	515.3596	515.3599	0	0	2.50
515.3525	256.0	80.0	273.0	515.3596	515.3599	1	1	3.80
515.3526	256.0	80.0	273.0	515.3596	515.3599	2	1	4.60

CORDLESS DRILL MACHINES

Cordless screwdriver

- Light weight
- Handy and ergonomic dual component housing
- Tool holder female hexagon 6 point to DIN 3126 - E6,3
- With practical clockwise and anticlockwise reversing function
- Stepless controllable motor speed through electronic switch
- With torque control
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Drive: 1/4"
 Capacity: 10,8 V
 Speed: 0 - 400 rpm
 Torque max. 24 Nm
 Torque stages: 1 - 16 stages
 No load current: 2,9 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries		
515.3529	148.0	55.0	190.0	515.3595	515.3592	0	0	1.50
515.3530	148.0	55.0	190.0	515.3595	515.3592	1	1	2.40
515.3531	148.0	55.0	190.0	515.3595	515.3592	2	1	2.60



Cordless drill machine

- Light weight
- Handy and ergonomic dual component housing
- Universal use through robust quick release chuck
- With practical clockwise and anticlockwise reversing function
- Stepless controllable motor speed through electronic switch
- With torque control
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Chuck capacity: 1 - 10 mm
 Capacity: 10,8 V
 Speed: 0 - 1870 rpm
 Torque max. 24 Nm
 No load current: 3,5 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries		
515.3534	190.0	55.0	200.0	515.3595	515.3592	0	0	1.60
515.3535	190.0	55.0	200.0	515.3595	515.3592	1	1	2.50
515.3536	190.0	55.0	200.0	515.3595	515.3592	2	1	2.70

CORDLESS GRINDER

Cordless high performance grinder

- Light weight
- Handy and ergonomic dual component housing
- Ideal for carbide, corundum and tungsten carbide burrs
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Chuck capacity: 3 mm
 Capacity: 10,8 V
 Speed: 22000 rpm
 No load current: 3 A
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries		
515.3544	145.0	50.0	180.0	515.3595	515.3592	0	0	1.20
515.3545	145.0	50.0	180.0	515.3595	515.3592	1	1	0.81
515.3546	145.0	50.0	180.0	515.3595	515.3592	2	1	2.30

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Cordless grinder

- Light weight
- Handy and ergonomic dual component housing
- For powerful grinding and polishing on small areas
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Capacity:	10,8 V
Speed:	3200 rpm
Velcro disc receiver:	Ø 75 mm
No load current:	3 A
Charging time:	1 hour
Rechargeable battery:	10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3548	130,0	50,0	185,0	515.3595	515.3592	0	0	1.30
515.3550	130,0	50,0	185,0	515.3595	515.3592	1	1	2.20
515.3558	130,0	50,0	185,0	515.3595	515.3592	2	1	2.40

CORDLESS ANGLE GRINDER

Cordless angle grinder

- Light weight
- Handy and ergonomic dual component housing
- For powerful grinding and polishing on small areas
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Velcro disc receiver:	Ø 115 mm = 4.1/2"
Capacity:	18,0 V
Speed:	7000 r.p.m.
No load current:	8,5 A
Charging time:	1 hour
Rechargeable battery:	Lithium-ion, 8,5 A

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.4109	390,0	56,0	80,0	515.3596	515.3599	0	0	3.78
515.4110	390,0	56,0	80,0	515.3596	515.3599	1	1	5.03
515.4111	390,0	56,0	80,0	515.3596	515.3599	2	1	5.83

CORDLESS POLISHER

Cordless polisher

- Handy and ergonomic dual component housing
- Polishing with a fast and excellent work result
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- Blow mould plastic housing
- With lambswool bonnet
- In durable plastic storage case



Technical data:

Capacity:	18 V
Speed:	1600 - 2300 rpm
Polishing sponge diameter:	Ø 125 mm / 5"
No load current:	3 A
Charging time:	1 hour
Rechargeable battery:	18 V - 3,0 Ah
Weight (basic unit + battery):	2,5 kg

	L mm	B mm	H mm	Replacement pads	Lambswool Spinners	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3554	420,0	60,0	100,0	515.3555-21	515.3555-22	515.3596	515.3599	0	0	4.00
515.3555	420,0	60,0	100,0	515.3555-21	515.3555-22	515.3596	515.3599	1	1	5.30
515.3756	360,0	60,0	100,0	515.3555-21	515.3555-22	515.3596	515.3599	2	1	6.10

CORDLESS GREASE GUN

400 ml cordless grease gun

- Handy and ergonomic dual component housing
- For standard grease cartridges or direct filling
- Ideal for heavy greasing with counter pressure
- With flexible 750 mm filling tube
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- With a rechargeable battery that can be process up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- In durable plastic storage case



Technical data:

Operating pressure:	420 bar / 42 MPa
NLGI class:	< 2
Grease filling:	75 g / min
Capacity of the unit:	600 ml
No load current:	3 A
Operating current:	2,0 ~ 5,5 A
Charging time:	1 hour
Rechargeable battery:	18 V - 3,0 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3559	237,0	80,0	487,0	515.3596	515.3599	0	0	5.40
515.3560	237,0	80,0	487,0	515.3596	515.3599	1	1	6.70
515.3561	237,0	80,0	487,0	515.3596	515.3599	2	1	7.50

Grease gun adaptor set

- For standard hand, cordless and pneumatic grease guns
- Adaptor with sliding sleeve for break-proof connection
- Straight and angled grease nipple
- For grease nipples out of steel, brass and stainless steel

Application range: Cone, funnel, ball and flat grease nipples



			kg
980.1100	7 pcs	Grease gun adaptor set	1.90

consists of:

		L mm	kg
980.1101	90° Lubricant adaptor	114.0	150
980.1102	Tube extension, 300 mm	390.0	240
980.1103	Straight extension	155.0	154
980.1104	90° flat nipple adaptor	135.0	160
980.1105	Rubber grease tip	155.0	150
980.1106	Needle shaped tip	135.0	143
980.1107	360° Adaptor, adjustable	185.0	265

CORDLESS CARTRIDGE GUN

Cordless cartridge gun 310 ml

- Handy and ergonomic dual component housing
- Ideal for glue, silicone or acrylic based cartridges
- Drop free mechanism
- Stepless controllable feed
- Carbon brushes interchangeable
- With lithium ion high performance rechargeable battery
- Processing quantity per rechargeable battery load at room temperature 20°C is up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- In durable plastic storage case



Technical data:

Capacity:	10,8 V
Capacity of the unit:	310 ml
Propulsion without load:	6,1 mm / sec
Output pressure:	392 kgf
Charging time:	1 hour
Rechargeable battery:	10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3569	410,0	138,0	245,0	515.3596	515.3592	0	0	3.60
515.3570	410,0	138,0	245,0	515.3596	515.3592	1	1	2.10
515.3571	410,0	138,0	245,0	515.3596	515.3592	2	1	4.70

Cordless cartridge gun 400 ml

- Handy and ergonomic dual component housing
- Ideal for glue, silicone or acrylic based cartridges
- Drop free mechanism
- Stepless controllable feed
- Carbon brushes interchangeable
- Lithium ion high performance rechargeable battery
- Processing quantity per rechargeable battery load at room temperature 20 °C is up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- In durable plastic storage case



Technical data:

Capacity: 10,8 V
 Capacity of the unit: 400 ml
 Propulsion without load: 6,1 mm / sec
 Output pressure: 392 kgf
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3574	450.0	138.0	245.0	515.3596	515.3592	0	0	3.70
515.3575	450.0	138.0	245.0	515.3596	515.3592	1	1	4.60
515.3576	450.0	138.0	245.0	515.3596	515.3592	2	1	4.80

Cordless cartridge gun 600 ml

- Handy and ergonomic dual component housing
- Ideal for glue, silicone or acrylic based cartridges
- Drop free mechanism
- Stepless controllable feed
- Carbon brushes interchangeable
- Lithium ion high performance rechargeable battery
- Processing quantity per rechargeable battery load at room temperature 20 °C is up to 15 cartridges
- Longer running time through higher load capacity
- Fast charging function (1 hour)
- Automatic turn off charging station
- In durable plastic storage case



Technical data:

Capacity: 10,8 V
 Capacity of the unit: 600 ml
 Propulsion without load: 6,1 mm / sec
 Output pressure: 392 kgf
 Charging time: 1 hour
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.3579	560.0	138.0	245.0	515.3596	515.3592	0	0	4.10
515.3580	560.0	138.0	245.0	515.3596	515.3592	1	1	2.20
515.3581	560.0	138.0	245.0	515.3596	515.3592	2	1	5.20

RIVETING TOOLS PISTOL

Cordless riveting tool pistol

- Handy and ergonomic dual component housing
- Universal use for aluminium and steel rivets Ø 2.4/3.2/4.0/4.8 mm
- Approx. 220 rivets per battery
- With practical clockwise and anticlockwise reversing function
- Very short setup time
- Fast change of rivets
- Short processing time
- Stepless controllable motor speed through electronic switch
- 40% extended lifespan due to changeable special carbon brush conductors
- With lithium-ion high performance rechargeable battery
- Includes automatic turn off charging station
- Fast charging function (1 hour)
- Blow mould plastic housing
- In durable plastic storage case



Technical data:

Rivet sizes: 2,4 / 3,2 / 4,0 / 4,8 mm
 Stroke length: 15 mm
 Vibration: 3,2 ms²
 Noise performance level: 86,9 dbA
 Noise pressure level: 75,9 dbA
 Driving power: 4.900
 Capacity: 10,8 V
 Rechargeable battery: 10,8 V - 1,5 Ah

	L mm	B mm	H mm	Spare carbon brushes set	Battery pack	Number of Charger batteries	kg	
515.4104	235.0	55.0	200.0	515.3595	515.3592	0	0	1.15
515.4105	235.0	55.0	200.0	515.3595	515.3592	1	1	2.69
515.4106	235.0	55.0	200.0	515.3595	515.3592	2	1	3.07

RECHARGEABLE BATTERIES AND CHARGERS

Universal spare batteries

- Lithium ion high performance rechargeable battery
- Impact resistant polyethylene housing



Technical data:

Battery type: Lithium-ion high performance rechargeable battery
 Charging time: 1 hour
 Working temperature: -5° / +45°

	Ah	L mm	B mm	H mm	kg	
515.3592	10,8 V	1,5	60.5	54.0	84.8	200

Universal push in batteries

- Lithium ion high performance rechargeable battery
- Integrated automatic safety switching off
- With control LED to discharge
- Impact resistant polyethylene housing
- Ca. 1 hour charge time



Technical data:

Battery type: Lithium-ion high performance rechargeable battery
 Charging time: 1 hour
 Working temperature: -5° / +45°

	Ah	L mm	B mm	H mm	kg	
515.3597	10,8 V	1,5	73.0	80.0	109.6	300
515.3599	18 V	3,0	73.0	80.0	129.8	800

Universal fast charger

- Suitable for 10,8 V Ah lithium ion high performance rechargeable battery
- Integrated automatic safety switching off
- Impact resistant polyethylene housing



Technical data:

Battery type: 10,8 V
 Charging time: 1 hour
 Charging voltage: AC 100 - 240 V ~ 50 / 60 Hz
 Working temperature: -5° / +45°

	L mm	B mm	H mm	kg
515.3590	145.0	100.0	55.0	500

Universal fast charger

- Suitable for 18,0 V Ah lithium ion high performance rechargeable battery
- Integrated automatic safety switching off
- Impact resistant polyethylene housing



Technical data:

Battery type: 10,8 V - 18,0 V
 Charging time: 1 hour
 Charging voltage: AC 100 - 240 V ~ 50 / 60 Hz
 Working temperature: -5° / +45°

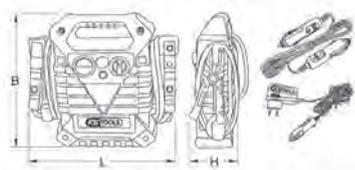
	L mm	B mm	H mm	kg
515.3591	175.0	115.0	65.0	700

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BOOSTER

12 V battery booster - mobile starting aid 700 A

- Ideal for IC and diesel engines from cars to transporters
- Fully insulated terminal clamps (1000 A)
- Integrated electronics protection
- Charge control indicator at press of button
- Acoustic warning if polarity is reversed
- 1.6 m cable length
- With sturdy 35 mm² cable diameter
- Current-free cable connection to the vehicle battery
- Charger and cable set included in scope of supply
- Cable can be conveniently stored on the housing
- Impact-resistant housing with rubberised base area



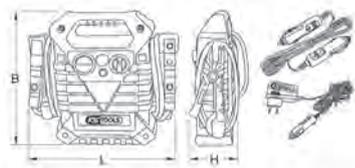
Technical data:

Battery:	12 Volt / 22 Ah
Starting current:	700 A
Peak voltage:	2200 A
Cable diameter:	35 mm ²
Battery charger:	12V DC / 4 A

	L mm	B mm	H mm	Charger spare	Charging cable	
550.1710	405.0	380.0	120.0	550.1711	550.1712	10.00

12 V + 24 V battery booster - mobile starting aid 1400 A

- Ideal for IC and diesel engines from cars to HGV < 12 t
- Fully insulated terminal clamps (1000 A)
- Integrated electronics protection
- Charge control indicator at press of button
- Acoustic warning if polarity is reversed
- 1.6 m cable length
- With sturdy 35 mm² cable diameter
- Current-free cable connection to the vehicle battery
- Automatic mains charger and cable set included in scope of supply
- Cable can be conveniently stored on the housing
- Impact-resistant housing with rubberised base area



Technical data:

Battery:	2 x 12 Volt / 22 Ah
Starting current:	1400 / 700 A
Peak voltage:	4400 / 2200 A
Cable diameter:	35 mm ²
Battery charger:	12V DC / 4 A

	L mm	B mm	H mm	Charger spare	Charging cable	
550.1720	405.0	380.0	180.0	550.1721	550.1712	18.00

12 V + 24 V Battery Booster - mobile starting aid 3400 A

- Ideal for petrol and diesel engines in cars or commercial vehicles
- Fully insulated battery clips (1000A)
- Integral electronics protection (voltage peak protected)
- Heavy-duty copper cable, cross-section 75 mm²
- 2.0 m cable length
- Intelligent, fully-integrated 3-stage automatic charging unit
- Multi-function display with coloured LED bars
- Intelligent protective circuits
- Polarity protection optical/acoustic
- Current-free cable connection to the vehicle battery
- Robust, wheeled housing with cable storage compartments
- Delivery scope includes vehicle charging cable



Technical data:

Battery:	2 x 12 Volt / 50 Ah
Starting current:	3000 / 1500 A
Peak voltage:	7200 / 3400 A
Cable diameter:	75 mm ²

	L mm	B mm	H mm	
550.1725	450.0	300.0	750.0	47.00



ACCESSORIES FOR RECHARGEABLE BOOSTER PACKS

Battery charger for battery booster

- Designed for continuous usage
- Integrated automatic safety switching off
- Impact resistant polyethylene housing



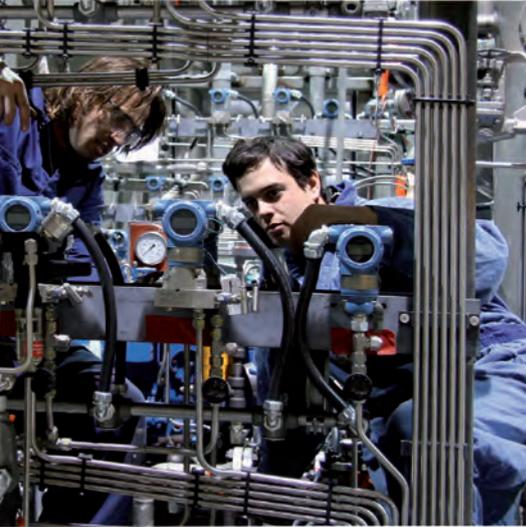
		Input current	Output current	
550.1711	550.1710	220 - 240 V	12 V / 4 A	470
550.1721	550.1720	220 - 240 V	24 V / 4 A	450

Car charger lead

- For temporary charge
- No safety switching off
- 1.6 mm cable diameter
- 2.0 m cable length
- With double connector



550.1712	→ 550.1710 + 550.1720
	600



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CORDLESS BATTERY TOOLS

LITHIUM ION TECHNOLOGY

- The high performance cordless tools for the perfect job
- Working without cables with Lithium ion technology
- Ergonomic design, perfect weight distribution
- Low vibration for fatigue free working

