

# METABO CORDLESS.

Metabo has a solid range of cordless machines that can cover a wide range of applications. The compatibility of the battery packs ensures economically efficient use. With LI Power – the lithium-ion technology by Metabo – a new battery technology era has begun. Li Power batteries are up to 40% lighter and yet still provide up to 40% more power than previous battery packs. Along with the Metabo AIR COOLED charging technology, Metabo is once again one step ahead when it comes to battery technology. **Metabo. Work. Don't play.**



**Li Power battery packs**  
*are up to 40% lighter  
and still provide up to  
40% more power than  
NiCd battery packs.*

## TRUE PROS GET EVERYWHERE.

For professional users, mobility is essential. They still want to screw, drill, cut and saw even without electrical power supply. They need power, for as long as possible.

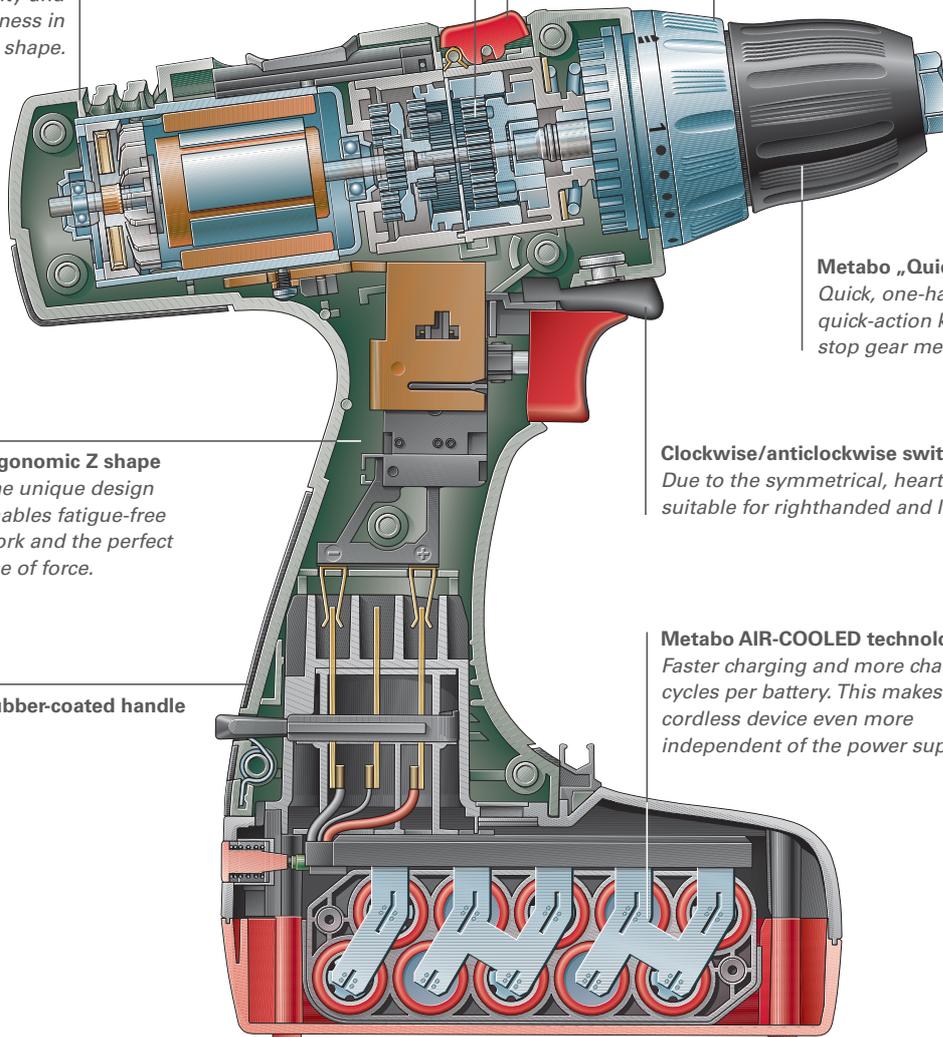
Therefore, besides the torque and speed criteria, the battery capacity and the charging system also plays an important role.

**Robust housing made of fibre glass-reinforced polyamide**  
Durability and robustness in good shape.

**Three-level planetary metal gears**  
Extends the service life of the machine by an enormous degree.

**Metabo "Impulse"**  
For the simple removal of tight-fitting screws.

**Die cast aluminium housing (only Plus class machines)**  
Increases the service life of the machine. The machine is more robust and dissipates heat faster.



**Metabo „Quick“**  
Quick, one-hand tool change due to quick-action keyless chuck and spindle stop gear mechanism.

**Ergonomic Z shape**  
The unique design enables fatigue-free work and the perfect use of force.

**Clockwise/anticlockwise switch**  
Due to the symmetrical, heart-shaped design suitable for righthanded and left-handed users.

**Rubber-coated handle**

**Metabo AIR-COOLED technology**  
Faster charging and more charging cycles per battery. This makes your cordless device even more independent of the power supply.



**Metabo "Impulse" technology**  
Tight-fitting screws or damaged screw heads can be easily removed using this "start-up aid".



**Gentle and faster charging**  
The new Metabo quick re-charging devices are suited to re-charge old and new Metabo NiCd- and NiMH-battery packs. With the „Plus“ devices, Li-power battery-packs can also be re-charged

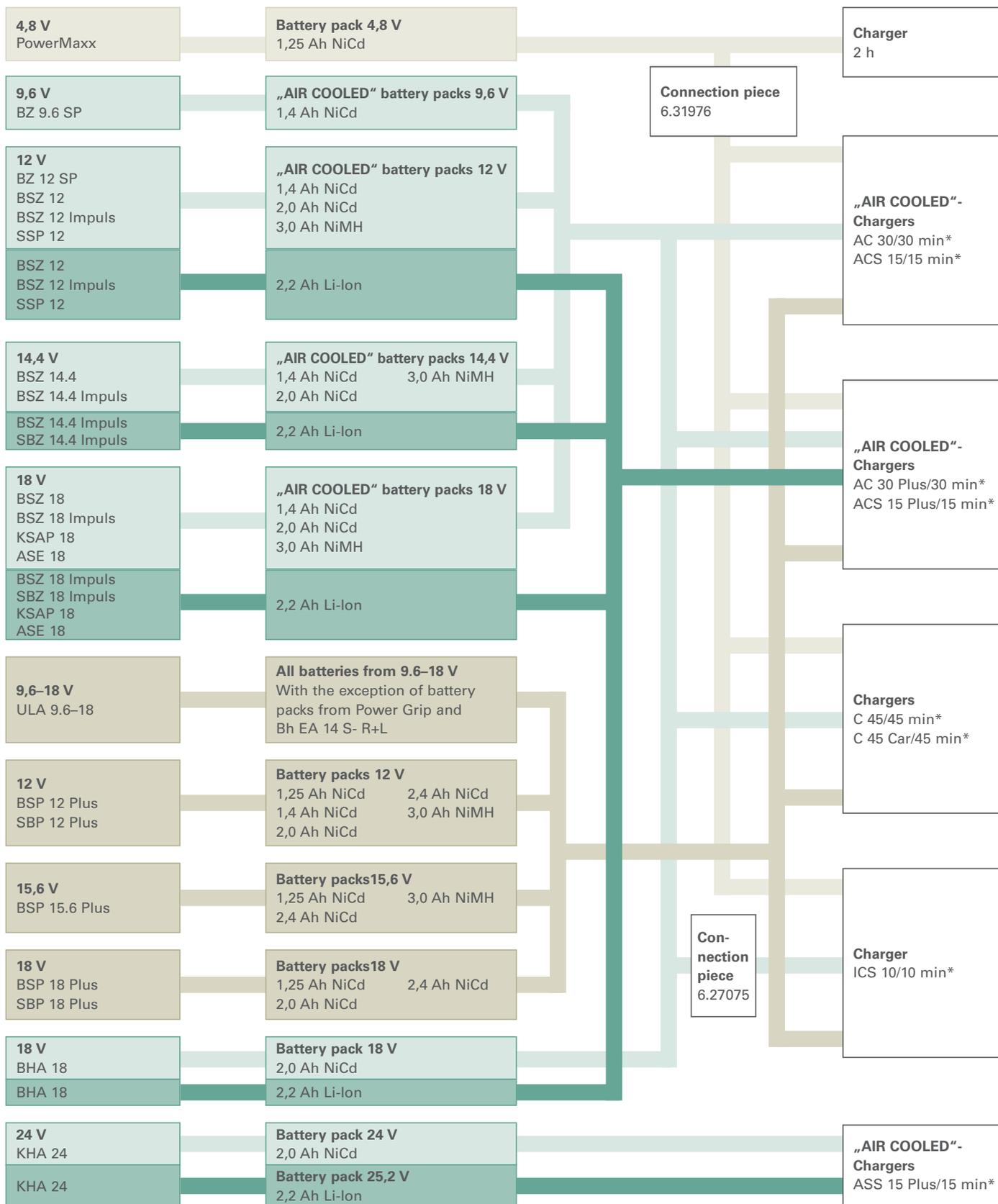


**System flexibility**  
Battery packs that always fit. Regardless of the charger you use.

**THE METABO RANGE OF BATTERIES WITH HIGH SYSTEM FLEXIBILITY.**

For charging your battery packs, you can choose between the universal quick chargers C 45, the pulse computer quick charger ICS 10 and the air-cooled chargers AC 30, AC 30 Plus, ACS 15 and ACS 15 Plus. You can even charge battery packs of the first generation with

our latest chargers and thus enjoy shorter charging times. When the charging process is finished, the charger automatically switches to trickle charging. The battery pack can therefore remain in the charger, is not overcharged and is always fully ready for use.



\*charging time at 9,6 V/1,4 Ah

ANGLE GRINDERS  
METAL PROCESSORS  
HAMMERS  
IMPACT DRILLS  
DRILLS  
SCREWDRIVERS  
WOOD SANDING MACHINES  
ROUTERS AND PLANERS

## EQUIPMENT FEATURES

- Lightweight for fatigue-free work
- Variospeed (V) electronics
- Motor with integrated air cooling
- Quick stop
- Spindle stop
- Integrated working light
- Sturdy die cast gear housing
- Pistol grip for optimum power transmission in direction of drilling
- Rubber-coated handle
- With LC 60 charger, charging time approx. 30 mins (for 1.1 Ah)



... 40%  
more output with  
40% less weight



## EQUIPMENT FEATURES

- Lightweight for fatigue-free work
- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Spindle stop
- Spindle with hexagon recess for screwdriver bits
- Pistol grip for optimum power transmission in direction of drilling
- Sturdy die cast gear housing
- Easy and quick change of battery pack
- Charger (charge time approx. 2 hours)



	7.2 Volt Cordless Screwdriver Power Grip Li
<b>Comparative device characteristics</b>	
Type of battery pack	Li-Ion
Battery pack voltage	7,2 V <sup>1)</sup>
Capacity of battery pack	1,1 Ah
Maximum torque, soft	7 Nm
Maximum torque, hard	13 Nm
No load speed	0 - 250 /min
Adjustable torque	0,3 - 3,5 Nm
Weight (including battery pack)	0,6 kg
<b>Standard equipment</b>	
	Li-Ion battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece)
<sup>1)</sup> at nominal voltage, maximum voltage 8 Volts	
Type Order no.	PowerGrip Li 6.00077.50

	4,8 Volt Cordless Drill / Screwdriver PowerMaxx
<b>Comparative device characteristics</b>	
Type of battery pack	NiCd
Battery pack voltage	4,8 V
Capacity of battery pack	1,25 Ah
Maximum torque, soft	5 Nm
Maximum torque, hard	9 Nm
No-load speeds	0 - 200 / 0 - 600 /min
Weight (including battery pack)	0,66 kg
<b>Standard equipment</b>	
	NiCd battery pack (4.8 V/ 1.25 Ah), charger, carry case, bit assortment (7-piece)
Type Order no.	PowerMaxx 6.00059.51

## ACCESSORIES FOR THE CORDLESS SCREWDRIVER POWERGRIP LI

		Order no.
	Rechargeable battery pack 7.2 V, 2.2 Ah, Li-Ion	6.25487
	<b>NEW</b> Rechargeable battery pack 7.2 V, 1.1 Ah, Li-Ion (as spare)	6.25485

## ACCESSORIES FOR THE CORDLESS DRILL / SCREWDRIVER POWERMAXX

		Order no.
	Battery charger 2 h, 4.8 V, EU Mains voltage: 230 - 240 V Mains frequency: 50/60 Hz	6.27270
	Battery pack 4.8 V, 1.25 Ah, NiCd	6.31858
	Accessories for PowerGrip/ PowerMaxx rechargeable battery For using the 4.8 Volt battery pack in the current Metabo chargers	6.31976

**COMMON FEATURES**

- Lightweight for fatigue-free work
- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Motor with integrated air cooling
- Clockwise and anticlockwise rotation
- Quick stop
- Spindle stop
- Spindle with hexagon recess for screwdriver bits
- Pistol grip for optimum power transmission in direction of drilling
- Rubber-coated handle
- 3-level planetary metal gears
- Sturdy die cast gear housing
- Powerful Li-Ion battery pack. No memory effect!
- Charger (charge time approx. 1 hours)



... 40% more output with 40% less weight



PowerMaxx Li Basic  
NEW



PowerMaxx Li Pro  
NEW



	7.2 Volt Cordless Drill / Screwdriver PowerMaxx Li Basic	7.2 Volt Cordless Drill / Screwdriver PowerMaxx Li Pro
<b>Comparative device characteristics</b>		
Maximum torque, soft	9 Nm	9 Nm
Maximum torque, hard	16 Nm	16 Nm
Drilling capacity in		
- Steel	3 mm	3 mm
- Wood	6,5 mm	6,5 mm
No-load speeds	0 - 250 / 0 - 750 /min	0 - 250 / 0 - 750 /min
Drilling spindle thread	1/2" - 20 UNF	1/2" - 20 UNF
Chuck capacity	-	0,8 - 6,5 mm
Weight (including battery pack)	0,73 kg	0,73 kg
<b>Standard equipment</b>	2 Li-Ion battery packs (7.2 V <sup>1)</sup> /2.2 Ah), charger LC 60, carry case, bit assortment (20-piece)	Quick-action keyless chuck Futuro Plus, screw-type angle attachment, 2 Li-Ion battery packs (7.2 V <sup>1)</sup> /2.2 Ah), charger LC 60, carry case, bit assortment (20-piece)
<sup>1)</sup> at nominal voltage, maximum voltage 8 Volts		
<b>Type</b>	PowerMaxx Li Basic	PowerMaxx Li Pro
<b>Order no.</b>	6.00068.50	6.00069.50

**ACCESSORIES FOR THE CORDLESS DRILL / SCREWDRIVER POWERMAXX**

	Order no.
 <b>Quick-action keyless chuck Futuro Plus H1 M</b> Clamping width: 0,8 - 6,5 mm	6.36623 <sup>1)</sup>
 <b>Screw-type angle attachment for PowerMaxx</b> For fixing screws more easily at locations difficult to reach Specially for PowerMaxx ▪ Magnetic bit holder with 1/4" (6.35mm) hexagonal shank ▪ Gears made of special steel ▪ Suitable for clockwise and anticlockwise rotation	6.30650 <sup>1)</sup>

**ACCESSORIES FOR THE CORDLESS DRILL / SCREWDRIVER POWERMAXX**

	Order no.
 <b>Battery charger LC 60, 7.2 V, EU</b>	6.27306

**ACCESSORIES FOR THE CORDLESS SCREWDRIVER POWERMAXX LI BASIC / PRO**

	Order no.
 <b>Rechargeable battery pack 7.2 V, 2.2 Ah, Li-Ion (as spare)</b>	6.25487

<sup>1)</sup> Standard equipment with power Maxx Li Pro

ANGLE GRINDERS

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DRILLS

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WOOD SANDING MACHINES

ROUTERS AND PLANERS



**COMMON FEATURES**

- Selectable impulse mode
- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomomy
- Rubber-coated handle
- 3-level planetary metal gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a voltage class)
- Easy and quick change of battery pack



... 40% more output  
with 40% less weight



BSZ 12 Impuls

BSZ 12 Impuls

BSP 12 Plus

	12 Volt Cordless Drill / Screwdriver BSZ 12 Impuls	12 Volt Cordless Drill / Screwdriver BSZ 12 Impuls	12 Volt Cordless Drill / Screwdriver BSP 12 Plus
<b>Special advantages</b>			
■ Side handle			•
■ Die cast aluminium gear housing			•
■ Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!		•	
<b>Comparative device characteristics</b>			
Maximum torque, soft	22 Nm	22 Nm	20 Nm
Maximum torque, hard	52 Nm	52 Nm	55 Nm
Drilling capacity in			
- Steel	10 mm/5 mm	10 mm/5 mm	13 mm/8 mm
- Wood	25 mm/20 mm	25 mm/20 mm	40 mm/20 mm
No-load speeds	0 - 400 / 0 - 1.350 /min	0 - 400 / 0 - 1.350 /min	0 - 400 / 0 - 1.400 /min
Drilling spindle thread	1/2" - 20 UNF	1/2" - 20 UNF	1/2" - 20 UNF
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm
Weight (including battery pack)	2 kg	1,7 kg	2,5 kg
<b>Standard equipment</b>	2 battery packs, charger, carry case	2 battery packs, charger, carry case	Quick-action keyless chuck Futuro Plus, additional handle, 2 battery packs, charger, carry case
1) at maximum voltage, nominal voltage 10,8 Volts			
<b>Type</b>	<b>BSZ 12 Impuls</b>	<b>BSZ 12 Impuls</b>	<b>BSP 12 Plus</b>
<b>Order no. Machine with</b>			
Battery pack			
- NiCd (12 V / 2 Ah)			
- NiCd (12 V / 2 Ah)			
- NiMH (12 V / 3 Ah)			
- Li-Ion (12 V <sup>1)</sup> / 2,2 Ah)			
- Li-Ion (12 V <sup>1)</sup> / 2,2 Ah)			
Charger			
AC 30	6.02157.51	-	6.02419.50
ACS 15	-	-	6.02419.51
AC 30	6.02157.60	-	-
AC 30 Plus	-	6.02164.51	-
ACS 15 Plus	-	6.02164.50	-

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AND PLANERS



**COMMON FEATURES**

- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomomy
- Rubber-coated handle
- 3-level planetary metal gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a voltage class)
- Easy and quick change of battery pack



	18 Volt Cordless Drill / Screwdriver BSZ 18	18 Volt Cordless Drill / Screwdriver BSZ 18 Impuls	18 Volt Cordless Drill / Screwdriver BSP 18 Plus
<b>Special advantages</b>			
■ Selectable impulse mode		•	•
■ Side handle			•
■ Die cast aluminium gear housing			•
■ Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!		•	
<b>Comparative device characteristics</b>			
Maximum torque, soft	28 Nm	28 Nm	30 Nm
Pulse torque	-	32 Nm	32 Nm
Maximum torque, hard	62 Nm	62 Nm	65 Nm
Drilling capacity in			
- Steel	12 mm/6 mm	12 mm/6 mm	13 mm/8 mm
- Wood	30 mm/22 mm	30 mm/22 mm	50 mm/25 mm
No-load speeds	0 - 450 / 0 - 1.450 /min	0 - 450 / 0 - 1.450 /min	0 - 400 / 0 - 1.400 /min
Drilling spindle thread	1/2" - 20 UNF	1/2" - 20 UNF	1/2" - 20 UNF
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm
Weight (including battery pack)	2,2 kg	1,9 kg	2,8 kg
<b>Standard equipment</b>	2 battery packs, charger, carry case	2 battery packs, charger, carry case	Quick-action keyless chuck Futuro Plus, additional handle, 2 battery packs, charger, carry case
3) at nominal voltage, maximum voltage 20 Volts			
<b>Type</b>	<b>BSZ 18</b>	<b>BSZ 18 Impuls</b>	<b>BSP 18 Plus</b>
<b>Order no. Machine with</b>			
Battery pack			
- NiCd (18 V / 1,25 Ah)	-	-	6.02421.50
- NiCd (18 V / 2 Ah)	6.02155.60	6.02159.53	-
- NiCd (18 V / 2,4 Ah)	-	-	6.02421.60
- NiCd (18 V / 2,4 Ah)	-	-	6.02421.51
- NiMH (18 V / 3 Ah)	-	6.02159.61	-
- Li-Ion (18 V <sup>3)</sup> / 2,2 Ah)	-	6.02166.51	-
- Li-Ion (18 V <sup>3)</sup> / 2,2 Ah)	-	6.02166.50	-

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## EQUIPMENT FEATURES

- Compact cordless impact screwdriver for tough applications
- High torque machine with low kick-back torque
- T-handle for optimum centre of gravity
- Rubber-coated handle
- Variospeed (V) electronics
- Ergonomic clockw./anticl. switch for comfortable, hassle free operation
- Die cast aluminium gear housing
- Bit case
- Maximum system flexibility through free combination of chargers and battery packs (within a voltage class)
- Easy and quick change of battery pack
- Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!



... 40%  
more output  
with 40% less  
weight



SSP 12

12 Volt  
Cordless Impact Screwdriver  
SSP 12

### Comparative device characteristics

Type of battery pack	Li-Ion
Battery voltage	12 V <sup>1)</sup>
Capacity of battery pack	2,2 Ah
No load speed	0 - 2.500 /min
Maximum impact rate	3.000 /min
Maximum tightening torque	100 Nm
Bit retainer	Hexagon recess 1/4" (6.35 mm)
Weight (including battery pack)	1,6 kg

### Standard equipment

2 Li-Ion battery packs  
(12 V/2.2 Ah), "AIR COOLED"  
quick charger AC 30 Plus,  
carry case

<sup>1)</sup> at maximum voltage,  
nominal voltage 10,8 Volts

Type SSP 12  
Order no. 6.02167

## ACCESSORIES FOR CORDLESS SCREWDRIVERS

### Screwdriver bit assortments

1/4" (6.35 mm) hexagonal shank

	Order no.
<p><b>Bit box with stainless steel bits (10-piece)</b> Small plastic case Consisting of a "rapid in/easy out" bit holder and the bits mostly commonly used in woodwork. Sizes: PH2, PZ2x2, PZ1, TX10, TX15, TX20, TX25, TX30 Bits and holders are made from stainless steel.</p>	6.25388
<p><b>Bit box with stainless steel bits (10-piece)</b> Small plastic case Consisting of a "rapid in/easy out" bit holder and the bits most commonly used in metal-working. Sizes: PH1x2, PH2x2, PH3, Allen 2.5,3.0,4.0,5.0. Bits and holders are made from stainless steel.</p>	6.25389
<p><b>Bit box torsion (10-piece)</b> Small plastic case Consisting of: Phillips bits, sizes 1, 2, 3 (1 each size) Pozidriv bits, sizes 1, 2, 3 (1 each size) each with one bit for slotted-head screws 0.8 x 5.5 mm, 1.0 x 5.5 mm and 1.2 x 6.5 mm Bit holder "Rapid in/easy out"</p>	6.25390
<p><b>Bit box Torx + Pozidriv (10-piece)</b> Small plastic case Consisting of: Pozidriv bits sizes 1, 2, 3 (torsion bits, 1 each size) Torx bits sizes TX 10, 15, 20, 25, 30 and 40 (1 each) Bit holder "Rapid in/easy out"</p>	6.25391
<p><b>Bit box torsion Universal (10-piece)</b> Small plastic case Consisting of: Phillips bits, sizes 1, 2, 3 (1 each size) Pozidriv bits, sizes 1, 2, 3 (1 each size) bits for slotted-head screws 0.8x5.5 mm, 1.0x5.5 mm and 1.2x6.5 mm (1 each) Bit holder "Rapid in/easy out"</p>	6.25396
<p><b>Bit box diamond Pozidriv (7-piece)</b> Small plastic case Consisting of: Pozidriv bits 2 x size 1, 3 x size 2, 1 x size 3 (diamond) Bit holder "Rapid in/easy out"</p>	6.25393
<p><b>Bit box torsion Torx (7-piece)</b> Small plastic case Consisting of: Torx bits 8, 9, 10, 15, 20, 25, 27, 30 and 40 (1 each) Bit holder "Rapid in/easy out"</p>	6.25394
<p><b>Bit box diamond Universal (7-piece)</b> Small plastic case Consisting of: Phillips bits, sizes 1, 2, 3 (1 each size) Pozidriv bits, sizes 1, 2, 3 (1 each size) bits for slotted-head screws 0.8x5.5 mm, 1.0x5.5 mm and 1.2x6.5 mm (1 each) Bit holder "Rapid in/easy out"</p>	6.25397

Further accessories for the cordless screwdrivers can be found on pages 147-149.

Universal fast-action charger		Fast-action charger		
	Order no.		Order no.	
 <p><b>Universal quick charger AC 30</b></p> <ul style="list-style-type: none"> <li>For charging all old (with 6.27075 adapter) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V</li> <li>Monitored charging with microcontroller</li> <li>Battery diagnosis</li> <li>Charge time approx. 30 minutes at 1.4 Ah</li> <li>"AIR COOLED" function</li> <li>For connecting to 230/240 V, 50-60 Hz (EU)</li> <li>to 230/240 V, 50-60 Hz (GB)</li> <li>to 230/240 V, 50-60 Hz (AUS/NZ)</li> <li>to 110/120 V, 50-60 Hz (USA/CDN)</li> </ul>	<p>6.27300</p> <p>6.27303</p> <p>6.27305</p> <p>6.27304</p>	 <p><b>Super quick charger ACS 15</b></p> <ul style="list-style-type: none"> <li>For charging all old (with 6.27075 adapter) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V</li> <li>Monitored charging with microcontroller</li> <li>Battery diagnosis</li> <li>Charge time approx. 15 minutes at 1.4 Ah</li> <li>"AIR COOLED" function</li> <li>For connecting to 230/240 V, 50-60 Hz (EU)</li> <li>to 230/240 V, 50-60 Hz (GB)</li> <li>to 230/240 V, 50-60 Hz (AUS/NZ)</li> <li>to 110/120 V, 50-60 Hz (USA/CDN)</li> </ul>	<p>6.27089</p> <p>6.27090</p> <p>6.27092</p> <p>6.27091</p>	ANGLE GRINDERS METAL PROCESSORS HAMMERS
 <p><b>Universal quick charger AC 30 Plus</b></p> <ul style="list-style-type: none"> <li>For charging all old (with adapter 6.27075) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V, as well as the new Li-Ion battery packs of 12 V-18 V</li> <li>Monitored charging with microcontroller</li> <li>Battery diagnosis</li> <li>Charge time approx. 30 minutes at 1.4 Ah</li> <li>"AIR COOLED" function</li> <li>For connecting to 230/240V, 50-60 Hz (EU)</li> <li>to 230/240V, 50-60 Hz (GB)</li> <li>to 230/240V, 50-60 Hz (AUS/NZ)</li> <li>to 110/120V, 50-60 Hz (USA/CDN)</li> </ul>	<p>6.27275</p> <p>6.27276</p> <p>6.27278</p> <p>6.27277</p>	 <p><b>Super quick charger ACS 15 Plus</b></p> <ul style="list-style-type: none"> <li>For charging all old (with adapter 6.27075) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V, as well as the new Li-Ion battery packs of 12 V-18 V</li> <li>Monitored charging with microcontroller</li> <li>Battery diagnosis</li> <li>Charge time approx. 15 minutes at 1.4 Ah</li> <li>"AIR COOLED" function</li> <li>"Refresh" function for maintenance of batteries for NiCd and NiMH battery packs</li> <li>For connecting to 230/240 V, 50-60 Hz (EU)</li> <li>to 230/240 V, 50-60 Hz (GB)</li> <li>to 230/240 V, 50-60 Hz (AUS/NZ)</li> <li>to 110/120 V, 50-60 Hz (USA/CDN)</li> </ul>	<p>6.27060</p> <p>6.27061</p> <p>6.27063</p> <p>6.27062</p>	IMPACT DRILLS DRILLS
		 <p><b>Super quick charger ASS 15 Plus</b></p> <ul style="list-style-type: none"> <li>For charging Metabo NiCd battery packs of 24 V, as well as Li-Ion battery packs of 25.2 V.</li> <li>The battery packs must be suitable for being pushed on to the charger. (slide in design)</li> <li>Monitored charging with microcontroller</li> <li>Battery diagnosis</li> <li>Charge time approx. 15 minutes at 1.4 Ah</li> <li>"AIR COOLED" function</li> <li>"Refresh" function for maintenance of batteries for NiCd battery packs</li> <li>For connecting to 230/240 V, 50-60 Hz (EU)</li> <li>to 230/240 V, 50-60 Hz (GB)</li> <li>to 230/240 V, 50-60 Hz (AUS/NZ)</li> <li>to 110/120 V, 50-60 Hz (USA/CDN)</li> </ul>	<p>6.27283</p> <p>6.27284</p> <p>6.27286</p> <p>6.27285</p>	SCREWDRIVERS WOOD SANDING MACHINES ROUTERS AND PLANERS

## YOU WON'T FIND A BETTER PERCENTAGE ANYWHERE!

Greater efficiency with more power at considerably less weight: That's Metabo Li-Power! A Metabo Li-power lithium battery supplies around 96% efficiency, 16% more than NiCd or NiMH, as a result it can provide approximately 40% more energy than NiCd & NiMH batteries. At the same time it is around 40% lighter. A 18 V 2.2 Ah Li-ion pack weighs in at approx 700g where as a normal NiMH battery pack comes in at just over 1kg!

This is not all Li-Power has to offer. Thanks to its lower self discharge rate, Li-ion packs can be used immediately at full power even after long period of non use. When you charge the battery, neither the memory nor the lazy battery effect arises. And unlike NiMH batteries, Li-ion batteries work from -20 °C to 50 °C without any problems (just like NiCd).



### Circuit boards

*of the highest quality and with gold-plated surface.*

### Electronics

*An electronic overcharging and discharging protection mechanism ensures optimum charging and the maximisation of the service life of the battery pack.*

### Patented multifunction display

*All information on one display: capacity querying, temperature monitoring, overload warning and automatic display when a low capacity level is reached.*

### Corepack

*Power tool lithium cells of the highest quality for maximum performance.*

### Cell connector

*Their special design guarantees optimum conductivity and an extremely robust construction. Control and monitoring of every single cell for protection against overcharging, undercharging, total discharge and overstraining.*

## METABO AIR COOLED CHARGING TECHNOLOGY: THE QUICKEST CHARGERS.

"AIR COOLED" is a technology that only Metabo has to offer. In combination with Li Power, it forms what is possibly the most effective battery system on the market.

The cooler the battery is while charging the faster it can be used again. Every battery heats up when used, which impedes an immediate, effective recharge. The new, patented AIR COOLED charging technology takes this problem out of the equation, since the battery is cooled down before and during the charging process. The charging process thus becomes around 30% quicker, the batteries last longer and

you save yourself the hassle of hanging around waiting for batteries to charge. Another outstanding new feature is the refresh function (only with ACS 15 PLUS). This feature brings the performance impairing unbalanced charge levels of the cells back into line. This 'cell balancing' process should be activated at the end of the charging process once every month on NiCd and NiMH batteries only.

NiCd battery packs			
	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	<b>NiCd battery packs series 1</b>		
	7,2	1,4	6.30069
	9,6	1,4	6.30070
	9,6	1,7	6.30072
	12	1,7	6.30073
	12	2	6.31723
	<b>NiCd battery packs series 2</b>		
	9,6	1,7	6.30065
	12	2	6.31724
	14,4	2	6.31725
	<b>NiCd battery packs series 3</b>		
	9,6	1,4	6.31746
	9,6	2	6.31728
	12	1,25	6.31737
	12	1,4	6.31747
	12	2	6.31729
	12	2,4	6.31748
	15,6	1,25	6.31738
	15,6	2,4	6.31749
	18	1,25	6.31739
	18	2	6.31857
18	2,4	6.31740	
	<b>"AIR COOLED" NiCd battery packs</b>		
	9,6	1,4	6.25470
	9,6	2	6.25471
	12	1,4	6.25473
	12	2	6.25474
	14,4	1,4	6.25475
	14,4	2	6.25476
	18	1,4	6.25477
18	2	6.25478	
	<b>"AIR COOLED" NiCd battery packs</b>		
	24	2	6.25488

NiMH battery packs			
	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	<b>NiMH battery packs series 1</b>		
	12	3	6.31776
	15,6	3	6.31777
	<b>"AIR COOLED" NiMH battery packs</b>		
	12	3	6.25479
	14,4	3	6.25480
	18	3	6.25481

"AIR COOLED" Li-Ion battery packs			
	Battery pack voltage <sup>1)</sup> V	Capacity of battery pack Ah	Order no.
	<b>"AIR COOLED" Li-Ion battery packs</b>		
	10.8 / 12	2,2	6.25486
	14.4 / 16	2,2	6.25482
	18 / 20	2,2	6.25484
	<b>"AIR COOLED" Li-Ion battery packs</b>		
	25,2 / 28	2,2	6.25489

<sup>1)</sup> Nominal voltage / max. voltage

NiCd battery pack for Bh EA 14 S - R+L			
	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	14,4	4	6.31727

Adapter for older Metabo chargers			
			Order no.
	For inserting older battery packs (starting 1981, models 1 and 2) into the new "AIR COOLED" chargers. Also for inserting "AIR COOLED" batteries into older chargers		6.27075

Carry case		Order no.
	<b>Carry case SBT/BSP/SBP</b> For BSP 12 Plus, BSP 15.6 Plus, BSP 18 Plus and chargers ACS 15, AC 30, ICS 10, C 45 For SBP 12 Plus, SBP 18 Plus and chargers ACS 15, AC 30, ICS 10, C 45	6.25441

ANGLE GRINDERS

METAL PROCESSORS

HAMMERS

IMPACT DRILLS

DRILLS

SCREWDRIVERS

WOOD SANDING MACHINES

ROUTERS AND PLANERS