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.**

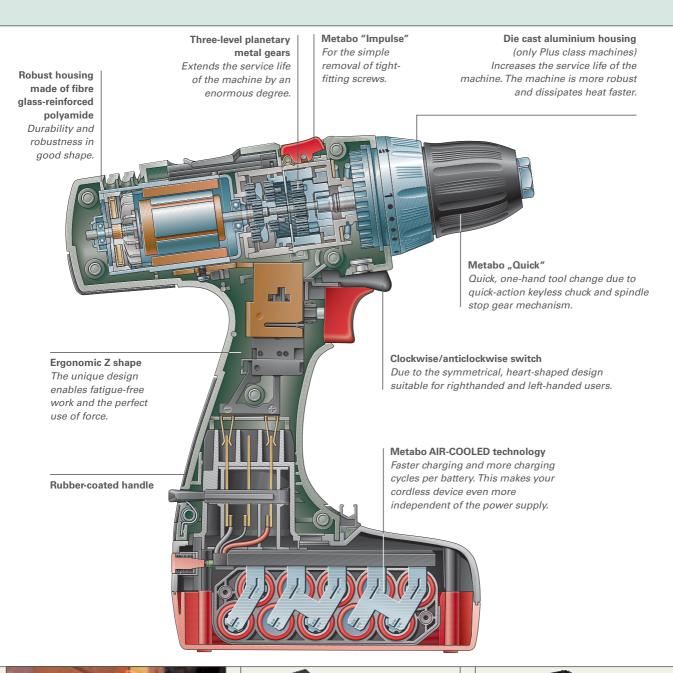


Li Power battery packs are up to 40% lighter and still provide up to 40% more power than NiCd battery packs.

TRUE PROS GET EVERYWHERE.

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

battery capacity and the charging system also plays an important role.





heads can be easily removed using this



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

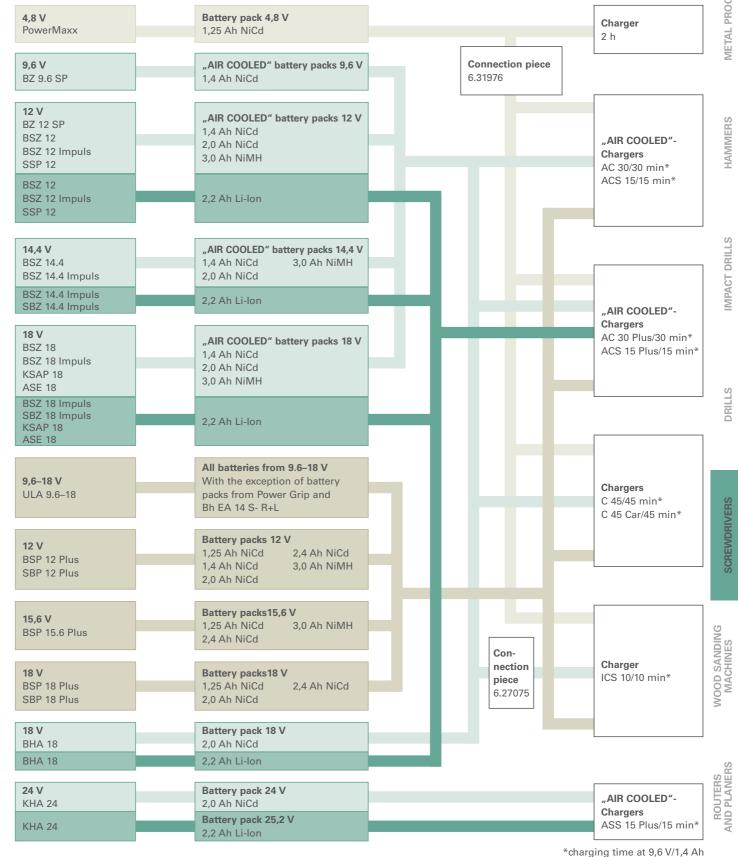
Battery packs that always fit. Regardless of the charger you use.

"start-up aid".

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.



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)



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)



T.2 Volt Cordless Screwdriver Power Grip Li Comparative device characteristics Type of battery pack Battery pack Voltage T,2 V 1) Capacity of battery pack T,1 Ah Maximum torque, soft T Nm Maximum torque, hard T Nm No load speed O - 250 /min Adjustable torque O,3 - 3,5 Nm Weight (including battery pack) O,6 kg Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) Type PowerGrip Li Order no. PowerGrip Li 6.00077.50		
Type of battery pack Battery pack voltage Capacity of battery pack Maximum torque, soft No load speed Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack 0,3 - 3,5 Nm Weight (including battery pack) Capacity of battery pack 1,1 Ah 13 Nm 0 - 250 /min 0,3 - 3,5 Nm 0,6 kg Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece)		Cordless Screwdriver
Type of battery pack Battery pack voltage Capacity of battery pack Maximum torque, soft No load speed Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack 0,3 - 3,5 Nm Weight (including battery pack) Capacity of battery pack 1,1 Ah 13 Nm 0 - 250 /min 0,3 - 3,5 Nm 0,6 kg Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece)		
Battery pack voltage Capacity of battery pack Maximum torque, soft No load speed Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type 7, 2 V 1) 7, 1 Ah 7, 1 Ah 7, 1 Nm 7, 2 Nm	Comparative device characteristics	
Capacity of battery pack Maximum torque, soft Maximum torque, hard No load speed Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Type of battery pack	Li-lon
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 Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece)	Battery pack voltage	7,2 V ¹⁾
Maximum torque, hard No load speed Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Capacity of battery pack	1,1 Ah
No load speed Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Maximum torque, soft	7 Nm
Adjustable torque Weight (including battery pack) Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Maximum torque, hard	13 Nm
Weight (including battery pack) Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	No load speed	0 - 250 /min
Standard equipment Li-lon battery pack (7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Adjustable torque	0,3 - 3,5 Nm
(7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Weight (including battery pack)	0,6 kg
(7.2 V/1.1 Ah), charger, charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li		
charger LC 60, bit assortment (7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li	Standard equipment	Li-lon battery pack
(7-piece) 1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li		(7.2 V/1.1 Ah), charger,
1) at nominal voltage, maximum voltage 8 Volts Type PowerGrip Li		charger LC 60, bit assortment
Type PowerGrip Li		(7-piece)
Type PowerGrip Li		
Type PowerGrip Li	1) at nominal voltage,	
	maximum voltage 8 Volts	
	Type	PowerGrin Li
0.00077.50	**	·
	Order 110.	0.00077.50

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

ACCESSORIES FOR THE CORDLESS SCREWDRIVER POWERGRIP LI

POWERGRIP LI				
		Order no.		
	Rechargeable battery pack 7.2 V, 2.2 Ah, Li-Ion	6.25487		
NEW	Rechargeable battery pack 7.2 V, 1.1 Ah, Li-lon (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

- 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)



	7.2 Volt Cordless Drill / Screwdriver PowerMaxx Li Basic	7.2 Volt Cordless Drill / Screwdriver PowerMaxx Li Pro
Comparative device characteristics		
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
Standard equipment	2 Li-lon battery packs (7.2 V ¹⁾ /2.2 Ah),	Quick-action keyless chuck Futuro Plus,
• •	charger LC 60, carry case,	screw-type angle attachment, 2 Li-lon battery
	bit assortment (20-piece)	packs (7.2 V ¹⁾ /2.2 Ah), charger LC 60,
		carry case, bit assortment (20-piece)
1) at nominal voltage, maximum voltage 8 Volts		
Type Order no.	PowerMaxx Li Basic 6.00068.50	PowerMaxx Li Pro 6.00069.50

ACCESSORIES FOR THE CORDLESS DRILL / SCREWDRIVER POWERMAXX

		Order no.
	Quick-action keyless chuck Futuro Plus H1 M Clamping width: 0,8 - 6,5 mm	6.366231)
	Screw-type angle attachment for PowerMaxx For fixing screws more easily at locations difficult to reach Specially for PowerMaxx Magnetic bit holder with 1/4" (6.35mm) hexagonal shank	6.306501)
61	 Gears made of special steel Suitable for clockwise and anticlockwise rotation 	

¹⁾ Standard equipment with power Maxx Li Pro

ACCESSORIES FOR THE CORDLESS DRILL / SCREWDRIVER POWERMAXX

		Order no.
500	Battery charger LC 60, 7.2 V, EU	6.27306

ACCESSORIES FOR THE CORDLESS SCREWDRIVER POWERMAXX LI BASIC / PRO

	Order no.
Rechargeable battery pack 7.2 V, 2.2 Ah, Li-lon (as spare)	6.25487

- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Ouick stor
- 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 ergonomy

- 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)

12 Volt

Cordless Drill / Screwdriver

Easy and quick change of battery pack

12 Volt

Cordless Drill / Screwdriver



12 Volt

Cordless Drill / Screwdriver

		BZ 12 SP	BSZ 12	BSZ 12	
Special advantages					
Rubber-coated handle			•	•	
■ Li-lon battery packs for up to	40% more			•	
power with up to 40% less w					
memory effect!	0.9				
momory oneot.					
Comparative device characteris	stics				
Maximum torque, soft		18 Nm	22 Nm	22 Nm	
Maximum torque, hard		35 Nm	52 Nm	52 Nm	
Drilling capacity in					
- Steel		10 mm/5 mm	10 mm/5 mm	10 mm/5 mm	
- Wood		20 mm/16 mm	25 mm/20 mm	25 mm/20 mm	
No-load speeds		0 - 400 / 0 - 1.450 /min	0 - 400 / 0 - 1.350 /min	0 - 400 / 0 - 1.350 /min	
Drilling spindle thread		1/2" - 20 UNF	1/2" - 20 UNF	1/2" - 20 UNF	
Chuck capacity		1 - 10 mm	1,5 - 13 mm	1,5 - 13 mm	
Weight (including battery pack	:)	1,7 kg	2 kg	1,7 kg	
vveight (including battery pack)		, 3	3	, 3	
Standard equipment		2 battery packs,	2 battery packs,	2 battery packs,	
		charger, carry case	charger, carry case	charger, carry case	
			,		
1) at maximum voltage, nominal voltage	e 10,8 Volts				
Туре		BZ 12 SP	BSZ 12	BSZ 12	
Order no. Machine with		52 12 0.	502 12	502 12	
Battery pack C	Charger				
– NiCd (12 V / 2 Ah)	AC 30	6.02151.50	6.02153.51	_	
		0.02101.00	0.02 100.01		
– Li-lon (12 V ¹⁾ / 2,2 Ah)	AC 30 Plus	-	_	6.02161.50	

HAMMERS

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 ergonomy

- 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



	12 Volt Cordless Drill / Screwdriver BSZ 12 Impuls	12 Volt Cordless Drill / Screwdriver BSZ 12 Impuls	12 Volt Cordless Drill / Screwdriver BSP 12 Plus
Special advantages			
■ Side handle			•
 Die cast aluminium gear housing 			•
■ Li-lon battery packs for up to 40% m	ore	•	
power with up to 40% less weight. N	lo		
memory effect!			
Comparative device characteristics			
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
Standard equipment	2 battery packs,	2 battery packs,	Quick-action keyless chuck
	charger, carry case	charger, carry case	Futuro Plus, additional handle
			2 battery packs, charger,
			carry case
1) at maximum voltage, nominal voltage 10,8 Vol	to		
	BSZ 12 Impuls	BSZ 12 Impuls	BSP 12 Plus
Type Order no. Machine with	B3Z 1Z IIIIpuis	B3Z 12 Impuls	BSF 12 Flus
Battery pack Charger			
– NiCd (12 V / 2 Ah) AC 30	6.02157.51	-	6.02419.50
- NiCd (12 V / 2 Ah) ACS 15	-	_	6.02419.51
– NiMH (12 V / 3 Ah) AC 30	6.02157.60	-	-
– Li-lon (12 V ¹⁾ / 2,2 Ah) AC 30 Pl		6.02164.51	-
– Li-lon (12 V ¹⁾ / 2,2 Ah) ACS 15	Plus –	6.02164.50	_

- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stor
- 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 ergonomy
- 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



	14,4 Volt Cordless Drill / Screwdriver BSZ 14.4	14.4 Volt Cordless Drill / Screwdriver BSZ 14.4 Impuls	15,6 Volt Cordless Drill / Screwdriver BSP 15.6 Plus	
Special advantages				
 Selectable impulse mode 		•	•	
Side handle			•	
Die cast aluminium gear housing			•	
Comparative device characteristics				
Maximum torque, soft	24 Nm	24 Nm	26 Nm	
Pulse torque	_	28 Nm	28 Nm	
Maximum torque, hard	55 Nm	55 Nm	60 Nm	
Drilling capacity in				
- Steel	12 mm/5 mm	12 mm/5 mm	13 mm/8 mm	
- Wood	30 mm/22 mm	30 mm/22 mm	45 mm/25 mm	
No-load speeds	0 - 400 / 0 - 1.400 /min	0 - 400 / 0 - 1.400 /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)	2,1 kg	2,1 kg	2,6 kg	
reign (modaling batter) paosty	_/g	_,g	2/09	
Standard equipment	2 battery packs,	2 battery packs,	Quick-action keyless chuck	
	charger, carry case	charger, carry case	Futuro Plus, additional handle,	
			2 battery packs, charger,	
			carry case	
			i i	
²⁾ at nominal voltage, maximum voltage 16 Volts				
Туре	BSZ 14.4	BSZ 14.4 Impuls	BSP 15.6 Plus	
Order no. Machine with				
Battery pack Charger	0.00454.54	0.00450.50		
- NiCd (14,4 V / 2 Ah) AC 30 - NiMH (14,4 V / 3 Ah) AC 30	6.02154.51	6.02158.53 6.02158.60		
- Nilvin (14,4 V / 3 Ali) AC 30 - Li-lon (14,4 V ²⁾ / 2,2 Ah) AC 30	_	6.02165.51	-	
- Li-lon (14,4 V ²)/2,2 Ah) ACS 15	_	6.02165.50	_	
– NiCd (15,6 V / 1,25Ah) AC 30	-	-	6.02420.50	
– NiCd (15,6 V / 2,4 Ah) AC 30	-	-	6.02420.51	
– NiCd (15,6 V / 2,4 Ah) ACS 15	-	-	6.02420.60	

- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stor
- 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 ergonomy
- Rubber-coated handle

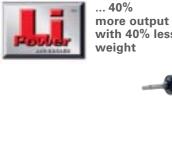
- 3-level planetary metal gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a voltage class)
- Easy and quick change of battery pack



		18 Volt Cordless Drill / Screwdriver BSZ 18	18 Volt Cordless Drill / Screwdriver BSZ 18 Impuls	18 Volt Cordless Drill / Screwdriver BSP 18 Plus
Special advantages				
■ Selectable impulse mod	de		•	•
■ Side handle				•
■ Die cast aluminium gea	r housing			•
■ Li-lon battery packs for	Ü		•	
power with up to 40% le				
memory effect!	g			
Comparative device chara	acteristics			20.11
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
Standard equipment		2 battery packs,	2 battery packs,	Quick-action keyless chuck
		charger, carry case	charger, carry case	Futuro Plus, additional handle,
		onargor, ourry oddo	onargor, ourry oddo	2 battery packs, charger,
				carry case
				carry case
³⁾ at nominal voltage, maximum	voltage 20 Volts			
Туре		BSZ 18	BSZ 18 Impuls	BSP 18 Plus
Order no. Machine with				
Battery pack	Charger			
– NiCd (18 V / 1,25 Ah)	AC 30	-	-	6.02421.50
– NiCd (18 V / 2 Ah)	AC 30	6.02155.60	6.02159.53	
- NiCd (18 V / 2,4 Ah)	AC 30	-	-	6.02421.60
– NiCd (18 V / 2,4 Ah) – NiMH (18 V / 3 Ah)	ACS 15 AC 30	-	6.02159.61	6.02421.51
– Nivin (18 V / 3 Ali) – Li-lon (18 V ³⁾ / 2,2 Ah)	AC 30	-	6.02166.51	
– Li-lon (18 V ³)/ 2,2 Ah)	ACS 15	_	6.02166.50	

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-lon battery packs for up to 40% more power with up to 40% less weight. No memory effect!





	12 Volt Cordless Impact Screwdriver SSP 12
Communication devices show the state	
Comparative device characteristics	
Type of battery pack	Li-lon
Battery voltage	12 V 1)
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-lon battery packs
	(12 V/2.2 Ah), "AIR COOLED"
	quick charger AC 30 Plus,
	carry case
1) at maximum voltage,	
nominal voltage 10,8 Volts	
Туре	SSP 12
Order no.	
Order no.	6.02167

SSP 12

ACCESSORIES FOR CORDLESS SCREWDRIVERS

Screwdriver bit assortments

1/4" (6.35 mm) hexagonal shank

		Order no.
NEW	Bit box with stainless steel bits (10-piece) 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.	6.25388
NEW	Bit box with stainless steel bits (10-piece) 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.	6.25389
Ministra de la constante de la	Bit box torsion (10-piece) 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"	6.25390
Million	Bit box Torx + Pozidriv (10-piece) 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"	6.2539
NEW	Bit box torsion Universal (10-piece) 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"	6.25396
A STATE OF THE STA	Bit box diamond Pozidriv (7-piece) 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"	6.25393
NEW	Bit box torsion Torx (7-piece) 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"	6.25394
NEW	Bit box diamond Universal (7-piece) 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"	6.25397

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

Order

Universal fast-action charger

Order no.



Universal quick charger AC 30

- For charging all old (with 6.27075 adapter) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V
- Monitored charging with microcontroller
- Battery diagnosis
- Charge time approx. 30 minutes at 1.4 Ah
- "AIR COOLED" function
- For connecting to 230/240 V, 50-60 Hz (EU) 6.27300 to 230/240 V, 50-60 Hz (GB) 6.27303 to 230/240 V, 50-60 Hz (AUS/NZ) 6.27305 to 110/120 V, 50-60 Hz (USA/CDN) 6.27304



Universal quick charger AC 30 Plus

- 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-lon battery packs of 12 V-18 V
- Monitored charging with microcontroller
- Battery diagnosis
- Charge time approx. 30 minutes at 1.4 Ah
- "AIR COOLED" function

■ For connecting to 230/240V, 50-60 Hz (EU) to 230/240V, 50-60 Hz (GB) to 230/240V, 50-60 Hz (AUS/NZ)	6.27275 6.27276 6.27278
to 110/120V, 50-60 Hz (USA/CDN)	6.27277
10 110, 1201, 00 00 112 (00, 00211,	0.27277

Fast-action charger



Super quick charger ACS 15

- For charging all old (with 6.27075 adapter) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V
- Monitored charging with microcontroller
- Battery diagnosis
- Charge time approx. 15 minutes at 1.4 Ah
- "AIR COOLED" function
- For connecting to 230/240 V, 50-60 Hz (EU) 6.27089 to 230/240 V, 50-60 Hz (GB) 6.27090 to 230/240 V, 50-60 Hz (AUS/NZ) 6.27092 to 110/120 V, 50-60 Hz (USA/CDN) 6.27091



Super quick charger ACS 15 Plus

- 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-lon battery packs of 12 V-18 V
- Monitored charging with microcontroller
- Battery diagnosis
- Charge time approx. 15 minutes at 1.4 Ah
- "AIR COOLED" function
- "Refresh" function for maintenance of batteries for NiCd and NiMH battery packs
- For connecting to 230/240 V, 50-60 Hz (EU) 6.27060 to 230/240 V, 50-60 Hz (GB) 6.27061 to 230/240 V, 50-60 Hz (AUS/NZ) 6.27063 to 110/120 V, 50-60 Hz (USA/CDN) 6.27062



Super quick charger ASS 15 Plus

- For charging Metabo NiCd battery packs of 24 V, as well as Li-lon battery packs of 25.2 V.
- The battery packs must be suitable for being pushed on to the charger. (slide in design)
- Monitored charging with microcontroller
- Battery diagnosis
- Charge time approx. 15 minutes at 1.4 Ah
- "AIR COOLED" function
- "Refresh" function for maintenance of batteries for NiCd battery packs
- For connecting to 230/240 V, 50-60 Hz (EU) 6.27283 to 230/240 V, 50-60 Hz (GB) 6.27284 to 230/240 V, 50-60 Hz (AUS/NZ) 6.27286 to 110/120 V, 50-60 Hz (USA/CDN) 6.27285

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 the 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).



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.
	NiCd battery packs series 1		
make to	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
	NiCd battery packs series 2	s	
mainte	9,6	1,7	6.30065
	12	2	6.31724
	14,4	2	6.31725
	NiCd battery packs series 3	s	
	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
"AIR COOLED" NiCd battery pac		s	
	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	6.25477
	"AIR COOLED"		0.25470
	NiCd battery packs	s	
	24	2	6.25488

NiMH battery packs			
	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	NiMH battery packs series 1		
	12	3	6.31776
- 11	15,6	3	6.31777
	"AIR COOLED" NiMH battery packs		
	12	3	6.25479
	14,4	3	6.25480
111111111111111111111111111111111111111	18	3	6.25481

"AIR COOLED" Li-lon battery packs

	Battery pack voltage ¹⁾ V	Capacity of battery pack Ah	Order no.
	"AIR COOLED" Li-lon battery packs		
	10.8 / 12	2,2	6.25486
	14.4 / 16	2,2	6.25482
Description of the last of the	18 / 20	2,2	6.25484
	"AIR COOLED"		
TI.	Li-lon battery packs		
	25,2 / 28	2,2	6.25489

¹⁾ Nominal voltage / max. voltage

NiCd battery pack for Bh EA 14 S - R+L

Battery pack voltage V	Capacity of battery pack	Order no.
14,4	4	6.31727

Adapter for older Metabo chargers

		Order no.
77	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



Carry case SBT/BSP/SBP	6.254
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	

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