

 **BLACK & DECKER®**

**AUTOMOTIVE  
& ELECTRONICS**



**2010 Product Catalog**



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Black & Decker delivers powerful solutions to consumers around the globe. You can trust the Black & Decker brand to provide intelligent products for the home with the right power and performance for the task.

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## HISTORY OF **BLACK & DECKER®**

**In September 1910**, two industrial tool designers and engineer, S. Duncan Black and Alonzo G. Decker, founded a small machine shop in Baltimore, Maryland. They called it Black & Decker Manufacturing Company. Their shop has grown beyond anything they could have imagined.

Today, Black & Decker is a global manufacturer and marketer of quality power tools and accessories, hardware and home improvement products, and technology based fastening systems. Our products and services are marketed in more than 100 countries, and we have manufacturing operations in eleven countries. Throughout our businesses, we have established a reputation for product innovation, quality, end-user focus, design, and value. Our strong brand names and new product development capabilities enjoy worldwide recognition, and our global distribution is unsurpassed in our industries.

## **BLACK & DECKER CELEBRATES 100 YEARS**

**In September 2010**, Black & Decker celebrates a century of unparalleled service, quality and innovation.

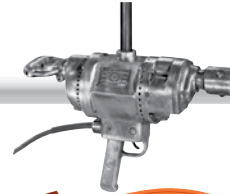
# MILESTONES OF INNOVATION

1910



Duncan Black and Alonzo Decker open their first workshop

1916



Pistol grip Electric Drill

1946



Consumer Electric Drill

1957



Electric Lawn Edger & Hedge Trimmer introduced

1961



Cordless NiCad Electric Drill

1969



Apollo 11 takes our drill technology to the moon

1973



WORKMATE® introduced

1979



DUSTBUSTER® introduced

1996



UNIVOLT® Universal Charging System launched

1994



VERSAPAK® Cordless Power tool System hit shelves

1996



Multi-sander introduced

1998



MOUSE® Sander launched

2009



SMART SELECT™ Technology introduced

2009



FLEX™ Mini-Canister Vac launched

2009



READYWRENCH® 16 sockets in 1 wrench



# BATTERY CHARGERS

Black & Decker has a portable solution for all of your recharging needs. Battery chargers pull AC (household) power for complete recharging of drained batteries.



# BATTERY CHARGERS

**COMPLETELY RECHARGE A DRAINED BATTERY WITHIN HOURS**

Black & Decker's portable chargers plug directly into an AC (household) outlet and connect directly to your vehicle's 12V battery with clamps. Their innovative 3-stage charge process provides a more efficient, stable charge by regulating both voltage and amperage through each stage of the process. This results in a higher quality charge without overcharging or overheating the battery while extending its serviceable life. They are ideal for recharging when time isn't an issue and an AC outlet is available.



IDEAL FOR  
**12 VOLT LEAD ACID BATTERY TYPES**



AUTOMOBILES



SUVS



MOTORCYCLES



MINI-VANS



LAWN MOWERS

**AND MORE**



## CHARGE IT™ 25 AMP BATTERY CHARGER

This Black & Decker 25 Amp charger takes the guesswork out of vehicle maintenance. No more battery type or charge rate selections. Simply turn the dial to a desired function, and the charger does the rest, including selecting the most efficient charge rate, checking alternator voltage, displaying battery voltage and more. The 3-stage charge process delivers the fastest, most efficient charge for your drained batteries.

### IDEAL FOR:



#### ALTERNATOR CHECK

for vehicle diagnostics and maintenance

#### 3 STAGE REGULATED CHARGING

delivers the fastest and most efficient charge

#### SCROLLING LCD SCREEN

displays battery voltage, charge rate and battery diagnostics

#### HEAVY DUTY CLAMPS

for increased durability

#### PATENTED 1-MINUTE ENGINE START

for engine assistance

#### SIMPLE SELECTOR DIAL

for easy operation

#### CORD/CABLE WRAP AND CLAMP STORAGE

allows unit to store safely and compactly



**BCS25EB**

**BATTERY CHARGERS HIGHLIGHT**

These battery chargers feature a high frequency charge process that charges 12V batteries quickly and efficiently to prolong overall battery life



	BC40EWB	VEC1093DBD	BCS25EB	VEC1095ABD
Amps	Multi: 4/10/20/40 Amps	Multi: 4/10/20/40 Amps	Single: 25 Amps	Multi: 2/10/25 Amps
Input	120V AC, 60 Hz, 700 W	120V AC, 60 Hz, 700 W	120V AC, 60 Hz, 490 W	120V AC, 60 Hz, 490 W
Input	120V AC, 60 Hz, 1,500 W Engine Start	120V AC, 60 Hz, 1,500 W Engine Start	120V AC, 1080 W Engine Start	120V AC, 60 Hz, 1,080 W
Output	12V DC, 4/10/20/40 Amp Continuous	12V DC, 4/10/20/40 Amp Continuous	12V DC, 25 Amp Continuous	12V DC, 2/10/25 Amp Continuous
Output	110 Amp Engine Start 5 seconds on, 300 seconds off	110 Amp Engine Start, 5 seconds on, 240 seconds off	75 Amp Engine Start, 5 seconds run, 5 minutes off	75 Amp Engine Start, 5 seconds on, 240 seconds off
Warranty	5 Year	5 Year	5 Year	5 Year
Special Features	PATENTED ENGINE START jump-starts vehicle within one minute  DIGITAL LED DISPLAY shows battery voltage, diagnostics and fault codes	REVERSE CONNECTION ALARM warns against improper connections to vehicle battery  PATENTED ENGINE START jump-starts vehicle within one minute	SIMPLE SELECTOR DIAL for easy operation  PATENTED ENGINE START jump-starts vehicle within one minute	PATENTED ENGINE START jump-starts vehicle within one minute  REVERSE CONNECTION ALARM warns against improper connections to vehicle battery
Includes	BC40EWB battery charger	VEC1093ABD Smart Battery Charger™	BCS25EB battery charger	VEC1095ABD Smart Battery Charger™

## BATTERY CHARGERS HIGHLIGHT

These battery chargers, with the exception of BM2B, feature a high frequency charge process that charges 12V batteries quickly and efficiently to prolong overall battery life



	VEC1089ABD	BCS10B	VEC1087CBD	VEC1086BBD	BM3B
Amps	Multi: 2/10/15 Amp	Single: 10 Amp	Multi: 2/6/10 Amp	Multi: 2/4/6 Amp	Single: 1 Amp
Input	120V AC, 60 Hz, 285 W	120V AC, 60 Hz, 218 W	120V AC, 60 Hz, 190 W	120V AC, 60 Hz, 110 W	120V AC, 60 Hz, 0.5 Amp
Output	12V DC, 2/10/15 Amp Continuous	12V DC, 10 Amp Continuous	12V DC, 2/6/10 Amp Continuous	12V DC, 2/4/6 Amp Continuous	6 & 12V DC, 0.1-1 Amp
Warranty	5 Year	5 Year	5 Year	5 Year	2 Year
Special Features	VEHICLE ALTERNATOR CHECK indicates the condition of the alternator  REVERSE CONNECTION ALARM warns against improper connections to vehicle battery	SIMPLE SELECTOR DIAL for easy operation  SCROLLING LCD SCREEN displays battery voltage, charge rate and battery diagnostics	VEHICLE ALTERNATOR CHECK indicates the condition of the alternator  AUTOMATIC FLOAT MODE to protect battery from overcharging	AUTOMATIC FLOAT MODE to protect battery from overcharging  REVERSE CONNECTION ALARM warns against improper connections to vehicle battery	AUTOMATIC FLOAT MODE to protect battery from overcharging  E-Z CONNECT for battery clips, ring terminals or DC plug use
Includes	VEC1089ABD Smart Battery Charger™	BCS10B battery charger	VEC1087CBD Smart Battery Charger™	VEC1086BBD Smart Battery Charger™ and heavy-duty cables and clamps	BM3B battery maintainer, battery clips, battery ring terminals and vehicle 12V DC accessory plug



# JUMP STARTERS

BLACK & DECKER has a portable solution to get you back on the road within minutes. Jump starters instantly jump start your vehicle battery, without the need of jumper cables or an additional vehicle.





## BATTERY BOOSTERS

### RECHARGE WITHIN THE COMFORT OF YOUR VEHICLE

A battery booster is a portable unit that connects to your vehicle's 12V battery through the DC outlets.

It provides enough power to start a vehicle's battery in up to 20 minutes, assuming your battery is not completely drained. Ideal for boosting a slightly discharged battery with the aid of another vehicle's battery system.



## JUMP STARTERS

### PROVIDE ENOUGH POWER TO START A BATTERY INSTANTLY

A jump starter is a portable and rechargeable unit that connects directly to your vehicle's 12V battery with clamps.

It is ideal for jump starting in emergencies without needing another vehicle or battery. It's compact enough to store within the vehicle.





## **START<sup>⚡</sup>IT™** **350 AMP JUMP STARTER**

This 350 Amp jump starter gets you back on the road in minutes! No need for jumper cables or an additional vehicle, this jump starter can instantly jump start the full range of vehicles, from compact cars to full-size SUVs. The low-profile design stores neatly and easily in your vehicle without rolling around. The protective features allow for greater user protection when in use or being stored.

### **IDEAL FOR:**



**350 INSTANT STARTING AMPS**  
for maximum performance

**BRIGHT AREA LIGHT**  
for increased visibility  
in dark areas

**BUILT-IN AC CHARGER**  
recharges unit with most  
standard/household  
extension cords

**KEYLESS ON/OFF  
SAFETY SWITCH**  
for greater user protection

**LOW-PROFILE DESIGN**  
for easy storage within  
vehicle or garage

**HEAVY-DUTY  
CABLES AND CLAMPS**  
store easily on unit



**JUS350B**

## JUMP STARTERS HIGHLIGHT

These products instantly jump start without the need of another vehicle



	JUS500IB	JUS500B	VEC012CBD	VEC012BD
Output	12V DC, 500 Amp Instant; 5 Seconds 300 Amp	12V DC, 500 Amp Instant; 5 Seconds 300 Amp	12V DC, 450 Amp Instant, 5 Seconds, 300 Amp	12V DC, 450 Amp Instant, 5 Seconds, 300 Amp
Battery	12V DC, 17 Amp-Hr, Sealed Lead Acid	12V, 17 Amp-Hr, Sealed Lead Acid	12V, 17 Amp-Hr, Sealed Lead Acid	12V, 17 Amp-Hr, Sealed Lead Acid
Cables & Clamps	Heavy-duty metal clamp with copper teeth	Heavy-duty metal clamp with copper teeth	Heavy-duty metal clamp with copper teeth	Heavy-duty metal clamp with copper teeth
Warranty	1 Year	1 Year	1 Year	1 Year
Special Features	500 INSTANT STARTING AMPS for maximum performance  120 PSI INFLATOR for vehicle tires, sports equipment and more	LOW-PROFILE DESIGN stores easily and won't roll around in vehicle  KEYLESS ON/OFF SWITCH for greater user protection	120 PSI INFLATOR for vehicle tires, sports equipment and more  KEYLESS ON/OFF SWITCH for greater user protection	KEYLESS ON/OFF SWITCH for greater user protection  LED INDICATOR shows charge level of internal battery
Includes	JUS500IB jump starter and adapter nozzle set	JUS500B jump starter	VEC012CBD jump starter, AC household charger and adapter nozzle set	VEC012BD jump starter and AC household charger



	JUS350B	VEC010BD	BBC2CB
Output	12V DC, 350 Amp Instant; 5 Seconds, 225 Amp	12V DC, 300 Amp Instant; 5 Seconds, 225 Amp	14.5V, 6.0 Amp
Battery	12V, 9 Amp-Hr, Sealed Lead Acid	12V, 9 Amp-Hr, Sealed Lead Acid	20 Ft.
Cables & Clamps	Heavy-duty metal clamp with copper teeth	Heavy-duty metal clamp with copper teeth	12 Amps
Warranty	1 Year	1 Year	2 year
Special Features	BUILT-IN AC CHARGER recharges unit with most standard/household extension cords  LOW-PROFILE DESIGN stores easily and won't roll around in vehicle	LED INDICATOR shows charge level of internal battery  KEYLESS ON/OFF SWITCH for greater user protection	3 EASY STEPS simply plug, charge and start  WORKS WITH MOST 12V VEHICLE ADAPTERS no jumper cables required
Includes	JUS350B jump starter	VEC010BD jump starter and AC household adapter	BBC2CB vehicle-to-vehicle battery booster

	VEC026BD
Jump Start Output	12V DC, 450 Amp Instant, 5 seconds, 300 Amp DC
Inverter Input	12.5V DC, 36.5 Amp
Output	120V AC, 60 Hz, 400 W
Unit Input	120V AC, 60 Hz
Unit Output	12V 1 Amp
Unit Battery	12V, 17 Ah, sealed lead-acid
Safety Protection	Overload, overheating and short circuit
Warranty	1 Year
Special Features	3-IN-1 VERSATILE FUNCTIONALITY portable power station, jump-starter and inflator
Includes	VEC026BD portable power station, 12V charger, cables and clamps and adapter nozzle set



# POWER INVERTERS

A power inverter converts your vehicle's DC power to AC household power. Some models come with an adapter that plugs into the DC accessory port (cigarette lighter) of the car. Using this adapter, you can pull up to 100 watts. This is ideal for use with laptops, cell phones, digital cameras and MP3 devices. Other models include clips that allow you to connect directly to the battery. This attachment method is ideal for tailgating, camping and as a power supply on the job site and can power more than 100 watts as specified on the product.



# DETERMINING WHICH POWER INVERTER IS RIGHT FOR YOUR NEEDS









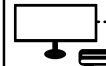










Power Inverters convert your vehicle's DC power to AC (household) power by connecting through the DC outlet.

## LIGHT DUTY

Includes a standard AC socket to plug in your low wattage and small electronics. Ideal for use with laptops, MP3 devices and other small electronics

## HEAVY DUTY

Includes multiple AC outlets to power higher wattage and larger electronics. They can be permanently hard wired to your battery. Ideal for tailgating, camping, job site power and emergency power

														
	1 WATT	2 WATTS	2 WATTS	3 WATTS	48 WATTS	90 WATTS	150 WATTS	200 WATTS	300 WATTS	350 WATTS	380 WATTS	440 WATTS	600 WATTS	660 WATTS
 VEC049DCB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
 PI750AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
 PI400AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
 PI200AB	✓	✓	✓	✓	✓	✓	✓							
 PI100AB	✓	✓	✓	✓	✓	✓								

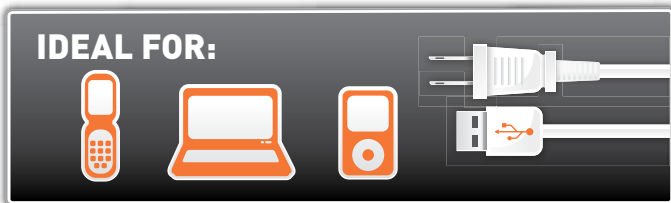


## *imobile*™ 100 WATT POWER INVERTER

Enjoy the convenience of rechargeable electric power for electronics from your car, SUV or minivan with the new portable 100 Watt power inverter from Black & Decker.

Simply plug the power inverter into the car's 12V DC adapter (cigarette lighter) and enjoy the convenience of a household power outlet and USB port to recharge cell phones, PDAs, iPods, laptops, portable DVD players and more.

Designed for life on the go, this power inverter provides power for the ultimate in on-the-road convenience and ends the frustration of losing battery power when away from a power outlet.



ACCESSORY PLUG ADJUSTS 45°  
for convenient placement

LED INDICATOR  
shows power and  
fault conditions

LOW BATTERY SHUTDOWN  
warns against total  
battery drain

USB OUTLETS  
power and/or recharge  
personal electronics



AC OUTLET  
provides 115 volt AC power



PI100AB



	VEC049DCB	PI8008B	PI750AB	PI500BB
Max Continuous Power	1000 Watts	800 Watts	750 Watts	500 Watts
Surge Capacity	2000 Watts	1600 Watts	1500 Watts	1000 Watts
Input Voltage	12.8-13.2 Volts	12.8 Volts	12.8 Volts	12.8 Volts
Output Voltage	105-125 V	125 V / 60 Hz	115 V / 60Hz	120 V / 60 Hz
Fuse	35 A*4	35 A*3	30 A*3	30 A*2, 10 A*1
Output Wave Form	Filtered Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave
Powers Up To	8.5 Amps	6.67 Amps	6.52 Amps	4.17 Amps
USB Port	N/A	N/A	5V DC, 500mA	5V DC, 500 mA
Warranty	2 Year	2 Year	2 Year	2 Year
Special Features	<p>CONVERTS VEHICLE'S DC POWER INTO 120V AC POWER for every day applications</p> <p>SOFT START TECHNOLOGY prevents start-up surge for increased appliance/tool efficiency</p>	<p>CONVERTS VEHICLE'S DC POWER INTO 120V AC POWER for every day applications</p> <p>LOW BATTERY SHUTDOWN prevents total battery drain</p> <p>FAULT INDICATOR</p>	<p>DUAL AC AND USB OUTLETS power and/or recharge TV's laptops and small appliances</p> <p>LOW BATTERY SHUTDOWN prevents total battery drain</p>	<p>POWERS A VARIETY OF SMALL ELECTRONICS using 12V DC power cable (up to 100W)</p> <p>POWERS LARGER ELECTRONICS when directly connected to the battery (up to 400W)</p>
Includes	VEC049DCB power inverter, #6 AWG battery cables and direct connection cable	PI800BB power inverter, battery clips and cable set	PI750AB power inverter, battery clips and cable set	PI500BB power inverter, battery clips and cable set and 12 V DC power plug cable set



	PI400AB	PI200AB	PI100BB	PI100BB
Max Continuous Power	400 Watts	200 Watts	100 Watts	100 Watts
Surge Capacity	800Watts	400 Watts	N/A	N/A
Input Voltage	12.8 Volts	12.8 Volts	13.8 Volts DC	13.8 Volts DC
Output Voltage	115 V / 60 Hz	115 V / 60 Hz	115 Volts AC	115 Volts AC
Fuse	25 A*2, 10 A*1	25 A*2, 10 A*1	10 Amps	10 Amps
Output Wave Form	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave	Modified Sine Wave
Powers Up To	3.48 Amps	1.74 Amps	0.87 Amps	0.87 Amps
USB Port	5V DC, 500mA	5V DC, 500 mA	5V DC, 500mA	5V DC, 500 mA
Warranty	2 Year	2 Year	2 Year	2 Year
Special Features	<p>POWERS A VARIETY OF SMALL ELECTRONICS using 12V DC power cable (up to 100W)</p> <p>POWERS LARGER ELECTRONICS when directly connected to the battery (up to 400W)</p>	<p>AC OUTLET, USB PORT AND DC OUTLET multiple outlets offer versatility</p> <p>LOW BATTERY ALARM AND AUTOMATIC SHUTDOWN prevents over draining of the battery</p>	<p>USB PORT for small personal electronics</p> <p>AC OUTLET provides 115 volts AC power</p>	<p>USB PORT for small personal electronics</p> <p>AC OUTLET provides 115 volts AC power</p>
Includes	PI400AB power inverter, battery clips and cable set and 12 V DC power plug cable set	PI200AB power inverter, battery clips and cable set and 12 V DC power plug cable set	PI100BB power inverter	PI100AB power inverter



# LIGHTING

Black & Decker portable lighting solutions are ideal for home, auto, camping, roadside emergencies, power failures and more.





**BRIGHTBAR™**  
**RECHARGEABLE LED WORKLIGHT**

An ultra bright, rechargeable LED work light with a flexible arm that bends and grabs for a secure grip - anywhere and everywhere.

20 ULTRA BRIGHT LEDs  
never need replacing

HIGH POWER SETTING  
maximizes brightness

LOW POWER SETTING  
maximizes runtime

RECHARGEABLE BATTERY  
runs up to 6 hours on a  
single charge



FLEXIBLE ARM

bends, hangs and  
grabs at any angle or  
bends into stand for  
hands-free use

**WLBFHB**



	MWLBB	WLBFBH	WLF013BD
Battery	(3) AA Alkaline Batteries	Rechargeable NiMH	Rechargeable NiMH
Bulb	14 LED	20 LED	25 LED
Luminous Intensity	N/A	N/A	N/A
Warranty	2 Year	2 Year	2 Year
Special Features	14 BRIGHT LEDS never need replacing  LIGHTWEIGHT, PORTABLE AND SHATTER RESISTANT	FLEXIBLE ARM bends, hangs and grabs at any angle  TWO POWER SETTINGS - LOW maximizes runtime, HIGH maximizes brightness	25 BRIGHT LED BULBS provide 6 hours of runtime and never need replacing  PIVOTING HEAD adjusts to direct light anywhere
Includes	MWLBB Bright Bar™	WLBFBHB Bright Bar™ worklight and charger	WLF013BD area light and power adapter

## SPOTLIGHTS & AREA LIGHTS



	VEC156BD	VEC157BD	VEC158BD	SL302B-3
Battery	6V 3 Amp-Hr	12V 3 Amp-Hr	6V 4.5 Amp-Hr x 2	12V, 3 Amp-Hr Sealed Lead Acid
Bulb	H3-6V 55 W	H3-12V 75 W	2x H3-12V 75W	55 W H3
Luminous Intensity	12,855 Test Lab Certified*	96,415 Test Lab Certified*	105,520 Test Lab Certified*	760 Lumens
Warranty	1 Year	1 Year	1 Year	1 Year
Special Features	POWERFUL, FOCUSED QUARTZ HALOGEN BEAM  3 POSITION, LOCKING TRIGGER with electronic dimmer control	2 LONG LIFE, ULTRA-BRIGHT LED AREA LIGHTS  EXCLUSIVE, BUILT-IN 120V AC CHARGER for use with household extension cord	TWIN, POWERFUL, FOCUSED QUARTZ HALOGEN BEAMS  RUGGED, WEATHER-RESISTANT HOUSING for greater durability	POWER SAVER SETTING reduces brightness to extend run-time  LOCK-ON SWITCH for added convenience
Includes	VEC156BD spotlight, carry lanyard and 12V DC power/charging cord	VEC157BD spotlight, carry lanyard and 12V DC power/charging cord	VEC157BD spotlight and 12V DC power/charging adapter	SL302B spotlight, vehicle charging cord and carrying lanyard



# POLISHERS

Black & Decker polishers have multi-purpose capabilities with super-simple handling features. Use them in your garage for workshop projects, take it to the dock and shine up your boat, or break it out on sunny days and treat your car to a professional-quality detailing job, right in your own driveway.





## 10 INCH WAXER/POLISHER

Black & Decker's 10-inch waxer/polisher is furnished with an ergonomic hand grip design for comfort and is lightweight for easier waxing and polishing. Random orbit polishing movement provides a swirl-free finish. It comes with a 10-foot heavy-duty cord to reach most applications.

ERGONOMIC HAND GRIP DESIGN

for a comfortable handle grip

LIGHTWEIGHT DESIGN

for easier waxing and polishing



RANDOM ORBIT  
POLISHING MOVEMENT

provides a swirl-free finish

10 FT. HEAVY DUTY CORD

to reach most applications

**WP010B**



	WP010B	WP107B	W007B	W006B
Diameter	10 in.	7 in.	7 in.	6 in.
Warranty	2 Year	2 Year	2 Year	2 Year
Special Features	<p>ERGONOMIC DESIGN for a comfortable handle grip</p> <p>LIGHTWEIGHT DESIGN for easier waxing and polishing</p> <p>RANDOM ORBIT POLISHING MOVEMENT provides a swirl-free finish</p>	<p>VARIABLE SPEED DIAL adjustable for multiple applications</p> <p>11 AMP MOTOR delivers high power polishing</p> <p>3-POSITION SIDE HANDLE move to the most comfortable position</p>	<p>ERGONOMIC DESIGN for a comfortable handle grip</p> <p>LIGHTWEIGHT DESIGN for easier waxing and polishing</p> <p>RANDOM ORBIT POLISHING MOVEMENT provides a swirl-free finish</p>	<p>ERGONOMIC DESIGN for a comfortable handle grip</p> <p>LIGHTWEIGHT DESIGN for easier waxing and polishing</p> <p>RANDOM ORBIT POLISHING MOVEMENT provides a swirl-free finish</p>
Includes	WP010B waxer/polisher and (3) cloth bonnets	WP107B sander/polisher and (1) wool bonnet	W007B waxer/polisher and (3) cloth bonnets	W006B waxer/polisher and (3) cloth bonnets



[www.blackanddecker.com](http://www.blackanddecker.com)