

WESTWARD**Battery Testers****Hand-Held Load Testers**—Use to test the state and condition of 6 and 12V batteries.**Compact Charging and Starting Tester**—Durable all-metal housing with color-coded meter and heavy-duty 18" L cable.**Universal Charging and Starting Tester**—This universal 6 and 12V tester features four scales: battery percent of charge, battery load, charging system test, and starting system test. Unit has a heavy-duty steel case and 6-ft. cables with nylon thermo clamps.

Type	Voltage Range	Load Ranges	Works With	Item No.
Hand-Held Load Testers				
Analog	0 to 16V	50 to 100A	6V and 12V Batteries	22YM05
Analog	0 to 16V	50 to 125A	6V and 12V Batteries	22YM06
Digital	8 to 20V	50 to 125A	12V Batteries	22YM07
Compact Charging and Starting Tester				
Analog	4 to 16V	100 A	6V and 12V Batteries	4Z581
Universal Charging and Starting Tester				
Analog	6 to 12V	200 A	6V and 12V Batteries	3Z634

**OTC****Battery Load Testers**

45NU82 features convenient, portable, and easy-to read scales and tests batteries on or off the car in just 10 seconds. Determines state-of-charge, cranking, charging volts, and good/bad status. Also includes a load safety switch to prevent arcing.

45NU84 is lightweight and compact and helps to produce more accurate results. Features large, easy-to-read display, ergonomic handle, alternator test lead, and ripple detection light. Determines state of charge and tests battery load, starter and charging system, and alternate ripple.

Type	Voltage Range	Load Ranges	Works With	Mfr. Model	Item No.
Analog	0 to 16V	100 A	6V and 12V Batteries	3180	45NU82
Analog	0 to 16V	130 A	6V and 12V Batteries	3181	45NU83
Digital	0 to 16V	131 A	6V and 12V Batteries	3182	45NU84

**ASSOCIATED****Handheld Battery Tester**

Lightweight and simple-to-operate unit tests all battery types. Easy-to-read meters are recessed to provide added protection from damage. Includes stainless steel enclosures and a heavy-duty hanger hook.

Display	Voltage Range	Load Ranges	Mfr. Model	Item No.
Analog	12 to 24V	125 A	6024	45RK03
Digital	12 to 24V	125 A	6030DV	45RK06
Digital	9 to 15V	0	12-1015	29RW15

**ASSOCIATED****Carbon Pile Load Tester**

Features two large 4.5" analog meters to display amps and volts and a manual adjust control knob. DC test leads are 2.5-ft. 4 AWG cable.

Buzzer sounds after load has been engaged for 15 sec.

Type	Voltage Range	Load Ranges	Works With	Mfr. Model	Item No.
Analog	0 to 16V	0 to 500A	6V and 12V Batteries	6034	29RW02

**CRC** **NOCO****Zep** PROFESSIONAL**Battery Cleaner and Corrosion Protection**

Neutralizes acid corrosion and removes dirt and grease accumulation on battery terminals and connectors.

Item	Container Size	Item No.	Pkg. Qty.
CRC			
Battery Cleaner	12 oz	2F133	1
Battery Cleaner with Acid Indicator	12 oz	1YHN4	1
Battery Corrosion Preventative	12 oz	2F134	1
NOCO			
Battery Corrosion Preventative	12 oz	417Y34	1
Zep			
Battery Corrosion Preventative	16 oz	43NR98	12
Battery Cleaner	15 oz	449W35	12

**WESTWARD****PROTO****QUICKCABLE****TOUGH GUY****GEARWRENCH****FUNNEL KING** Fluid Control Products**Battery Tools and Carriers**

Description	Brand	Item No.
Battery Maintenance Tools		
4-Way Battery Post and Terminal Cleaner	Westward	1EFY3
Battery Post and Terminal Cleaner, 3/8" L, Plastic Holder	Proto	3R556
Terminal Brush	Quickcable	25KD97
Curved Scratch Brush, 3 x 7 304 Stainless Steel Fill	Tough Guy	1VAG2
Dual-End Battery Brush, 3 3/4" in L, Plastic Holder	Westward	1EFY1
Dual-End Battery Brush, 3 3/4" L, Steel Holder	Westward	1EFY8
Side Terminal Brass Brush with 5/16" Hex in Handle	Quickcable	5NEF8
Terminal Spreader Cleaning Pliers	Gearwrench	3VVP5
Battery Terminal Cleaner, Jaw Spread 5/8" to 1"	Westward	1EFY5
Top Post Battery Terminal Pullers	Westward	1EFY2
Side Terminal Ratchet Wrench, 5/16" Hex Opening, Reversible	Westward	1EFY6
Battery Filler with Shutoff Nozzle	Funnel King	6Y813
Battery Filler Bulb	Funnel King	6Y814
Cable Stripper, Wire up to 4/0 Gauge	Quickcable	5LLZ9
Battery Carriers		
Carrying Strap For Top Post Batteries, Spread Range 16"	Westward	1EFY7
Universal Size Battery Carrier, Spread Range 3" to 7"	Westward	1EFZ2
Leather Strap Battery Carrier, Spread Range Up to 8 1/2"	Westward	1EFX3
Side Lifter with Sidewall Grip Pads, Spread Range 5 1/4" to 7 1/2"	Westward	1EFZ1
Side Lifter with Sidewall Grip Pads, For All Battery Types and Sizes	Quickcable	5NEG0