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## OPTIMA Red 6 Volt

### Specifications

**OPTIMA® REDTOP® 6V** The ultimate starting battery for your vintage 6-volt car or boat. Ultra high-performance **SPIRALCELL TECHNOLOGY®** AGM (absorbent glass mat) battery with reliable cranking power for your auto, car or truck and twice the life. The **OPTIMA® REDTOP®** will outperform and outlast traditional batteries in demanding cranking/starting applications. The ultimate high-CCA starting battery for vehicles that have alternators capable of keeping up with all electrical loads.

If you have demanding electrical accessory loads such as winches, audio systems, and other devices, take a look at the **YELLOWTOP®** product line.

The **OPTIMA®** model number for this battery is 6V. If you are replacing a 6 volt **OPTIMA®** battery you already have, this model is the same as batteries marked 8010-044, 9010-044, 27901, 6V, RED6V, SC6A, or N996VRED.

<b>Battery Model:</b>	<b>6V</b>
<b>Part Number:</b>	<b>8010-044</b>
<b>NSN:</b>	<b>6140 01 475 9414</b>
<b>UPC Code:</b>	<b>8 11405 00044 7</b>

<b>Performance Data</b>	
<b>Cold Cranking Amps:</b>	<b>800</b>
<b>Cranking Amps:</b>	<b>1000</b>
<b>Nominal Voltage:</b>	<b>6 volts</b>
<b>Open Circuit Voltage (fully charged):</b>	<b>6.4 volts</b>
<b>Internal Resistance (fully charged):</b>	<b>0.0019 ohms</b>
<b>Capacity:</b>	<b>50 Ah (C/20)</b>
<b>Reserve Capacity:</b>	<b>BCI: 100 minutes (25 amp discharge, 80°F (26.7°C), to 10.5 volts cut-off)</b>

<b>Physical Characteristics</b>	
<b>Plate Design:</b>	<b>High purity lead-tin alloy. Wound cell configuration utilizing proprietary SPIRALCELL TECHNOLOGY®.</b>
<b>Electrolyte:</b>	<b>Sulfuric acid, H<sub>2</sub>SO<sub>4</sub></b>
<b>Case:</b>	<b>Polypropylene</b>
<b>Case Color:</b>	<b>Dark Gray</b>
<b>Cover Color:</b>	<b>“OPTIMA“ Red</b>
<b>Post Type:</b>	<b>SAE Post</b>
<b>Weight:</b>	<b>18.5 lb</b>
<b>Length:</b>	<b>10.06 in</b>
<b>Width:</b>	<b>3.63 in</b>
<b>Height:</b>	<b>8.13 in</b>

<b>Power</b>	
CCA (BCI 0°F):	800 amps
MCA (BCI 32°F):	1000 amps

<b>Recommended Charging</b>
<p>The following charging methods are recommended to ensure a long battery life: (Always use a voltage regulated charger with voltage limits set as described below.)</p> <p>Model: 6V            These batteries are designed for engine starting applications. They are <u>not</u> recommended or warranted for use in deep cycle applications.</p>

<b>Recommended Charging Information</b>	
Alternator:	6.65 to 7.50 volts; no amperage limit
Battery Charger:	6.90 to 7.50 volts; 10 amps maximum; 6-12 hours approximate
Float Charge:	6.60 to 6.90 volts; 1 amp maximum current (indefinite time at lower voltages)
Rapid Recharge (Constant voltage charger):	Maximum voltage 7.80 volts. No current limit as long as battery temperature remains below 125°F (51.7°C). Charge until current drops below 1 amp. All limits must be strictly adhered to.