

# OPTIMA® RedTop S 4,2 & R 4,2



**Battery Model:** RT S 4,2  
**Part Number:** 802 250 000 888 2  
**Nominal Voltage:** 12 volts  
**NSN:** 6140 01 457 5296  
**Description:** High power, sealed lead acid, engine starting battery



**Battery Model:** RT R 4,2  
**Part Number:** 803 251 000 888 2  
**Nominal Voltage:** 12 volts  
**NSN:** 6140 01 475 9357  
**Description:** High power, sealed lead acid, engine starting battery

## Physical Characteristics:

**Plate Design:** High purity lead-tin alloy. Wound cell configuration utilizing proprietary *SPIRALCELL*® technology.  
**Electrolyte:** Sulfuric acid, H<sub>2</sub>SO<sub>4</sub>  
**Case:** Polypropylene  
**Color:** Case: Dark Gray  
Cover: "OPTIMA" Red  
**Group Size:** BCI: 34

	Standard	Metric
<b>Length:</b>	10"	254 mm
<b>Width:</b>	6.875"	175 mm
<b>Height:</b>	7.813"	200 mm (height at the top of the terminals)
<b>Weight:</b>	37.9 lb.	17.2 kg

Terminal Configuration: SAE / BCI automotive.

## Performance Data:

**Open Circuit Voltage (fully charged):** 12.8 volts  
**Internal Resistance (fully charged):** 0.0030 ohms  
**Capacity:** 50 Ah (C/20)  
**Reserve Capacity:** BCI: 110 minutes  
(25 amp discharge, 80°F (26.7°C), to 10.5 volts cut-off)

## Power:

**CCA (EN -18°C):** 815 amps  
**MCA (EN 0°C):** 1000 amps



