

# OPTIMA® YellowTop S 5,5



**Battery Model:** YT S 5,5

**Part Number:** 851 187 000 888 2

**Nominal Voltage:** 12 volts

**NSN:** 6140 01 502 4973

**Description:** High power, dual purpose engine start and deep cycle, sealed lead acid 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: Light Gray  
Cover: "OPTIMA" Yellow

**Group Size:** BCI: 31

|                | Standard | Metric                                      |
|----------------|----------|---------------------------------------------|
| <b>Length:</b> | 12.813"  | 325 mm                                      |
| <b>Width:</b>  | 6.500"   | 165 mm                                      |
| <b>Height:</b> | 9.375"   | 238 mm (height at the top of the terminals) |
| <b>Weight:</b> | 59.8 lb  | 26.5 kg                                     |

Terminal Configuration: SAE / BCI automotive.

## Performance Data:

**Open Circuit Voltage (fully charged):** 13.1 volts

**Internal Resistance (fully charged):** 0.0025 ohms

**Capacity:** 75 Ah (C/20)

**Reserve Capacity:** BCI: 155 minutes  
(25 amp discharge, 80°F (26.7°C), to 10.5 volts cut-off)

## Power:

**CCA (EN -18°C):** 975 amps

**MCA (BCI 0°C):** 1125 amps

## Recommended Charging:

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.)

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These batteries are designed for starting and deep cycling applications and for use in vehicles with large accessory loads.