

OPTIMA® RedTop S 2,1



Battery Model: RT S 2,1
Part Number: 8010-044
Nominal Voltage: 6 volts
NSN: 6140 01 475 9414
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, H₂SO₄
Case: Polypropylene
Color: Case: Dark Gray
Cover: "OPTIMA" Red

	Standard	Metric
Length:	10"	254 mm
Width:	3.563"	90.5 mm
Height:	7.813"	198.4 mm (height at the top of the terminals)
Weight:	18.4 lb.	8.4 kg

Terminal Configuration: SAE / BCI automotive.

Performance Data:

Open Circuit Voltage (fully charged): 6.4 volts
Internal Resistance (fully charged): 0.0019 ohms
Capacity: 50 Ah (C/20)
Reserve Capacity: BCI: 100 minutes

Power:

CCA (EN -18°C): 800 amps
MCA (BCI 0°C): 1000 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 engine starting applications. They are not recommended or warranted for use in deep cycle applications.

