

OPTIMA® YellowTop S 4,2



Battery Model: YT S 4,2

Part Number: 812 254 000 888 2

Nominal Voltage: 12 volts

NSN: 6140 01 457 5392

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, H₂SO₄

Case: Polypropylene

Color: Case: Light Gray
Cover: "OPTIMA" Yellow

Group Size: BCI: 34

	Standard	Metric
Length:	10."	254 mm
Width:	6.875"	175 mm
Height:	7.813"	200 mm (height at the top of the terminals)
Weight:	42.9 lb.	19.5 kg

Terminal Configuration: SAE / BCI automotive.

Performance Data:

Open Circuit Voltage (fully charged): 13.1 volts

Internal Resistance (fully charged): 0.0028 ohms

Capacity: 55 Ah (C/20)

Reserve Capacity: BCI: 120 minutes
(25 amp discharge, 80°F (26.7°C), to 10.5 volts cut-off)

Power:

CCA (EN -18°C): 765 amps

MCA (BCI 0°C): 870 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.