



Battery Model: D6V
Part Number: 8018-004
Nominal Voltage: 6 volts
NSN: N/A
Description: High power, sealed, lead acid, deep cycle 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

	Standard
Length:	10"
Width:	3.5"
Height:	7.8"
Minimum Weight:	23.3 lb.

Terminal Configuration: SAE

Performance Data:

Open Circuit Voltage (fully charged): 6.4 volts
Internal Resistance (fully charged): .0028 ohms
Capacity: 50 Ah (C/20)
Reserve Capacity: BCI: 120 minutes

Power:

CCA (BCI 0°F): 650 amps
MCA (BCI 32°F): 870 amps

Recommended Charging:

Always wear safety glasses when working with batteries.

Always use a voltage regulated battery charger with limits set to the above ratings. Overcharging can cause the safety valves to open and battery gases to escape, causing premature failure. These gases are flammable! You cannot replace water in sealed batteries that have been overcharged. Any battery that becomes very hot while charging should be disconnected immediately.

Not fully charging a battery can result in poor performance and a reduction in capacity.

Shipping and Transportation Information:

OPTIMA batteries can be shipped by AIR. The battery is nonspillable and is tested according to ICAO Technical Instructions DOC. 9284-AN/905 to meet the requirements of Packing Instructions No. 806 and is classified as non-regulated by IATA Special Provision A-48 and A-67 for UN2800. Terminals must be protected from short circuit.

BCI = Battery Council International
EN = European Norm

OPTIMA Batteries
Product Specifications: Model D6V
July 2002