



OPTIMA Blue 34M

Specifications

OPTIMA® BLUETOP® 34M Ultra high-performance SPIRALCELL TECHNOLOGY® AGM (absorbent glass mat) starting battery for marine and RV. BLUETOP® has ultimate cranking power in a maintenance-free package. Lower internal resistance provides more efficient power output and faster recharges. If you are looking for a group 24 or 34 battery for boat or RV starting only, this is the one for you.

If you also have live wells, GPS, pumps, etc., running on the starting circuit of your boat, or if you are looking for house batteries for your RV, please see one of the BLUETOP® dual purpose deep-cycle/starting batteries (D34M, D27M or D31M).

The OPTIMA® model number for this battery is 34M. If you are replacing an OPTIMA® battery you already have, this model is the same as batteries marked 8006-006, 9006-006, 27935, 34M-1050, BLUES34, SC34M, BLUES34, or N9934MBLUE.

Please Download the Marine Application Guide above for further information on specific marine application.

Battery Model:	34M
Part Number:	8006-006
NSN:	6140-01-475-9416
UPC Code:	8 11405 00006 5

Performance Data	
Cold Cranking Amps:	800
Cranking Amps:	1000
Nominal Voltage:	12 volts
Open Circuit Voltage (fully charged):	12.8 volts
Internal Resistance (fully charged):	0.0030 ohms
Capacity:	50 Ah (C/20)
Reserve Capacity:	BC I: 100 minutes (25 amp dis charge, 80°F (26.7°C), to 10.5 volts cutoff)

Physical Characteristics

Plate Design:	High purity lead-tin alloy. Wound cell configuration utilizing proprietary SPIRALCELL TECHNOLOGY®.
Electrolyte:	Sulfuric acid, H ₂ SO ₄
Case:	Polypropylene
Case Color:	Dark Gray
Cover Color:	“OPTIMA“ Blue
Group Size:	BCI: 34
Post Type:	Dual SAE & 5/16 Stainless Stud
Weight:	38.4 lb
Length:	10.06 in
Width:	6.88 in
Height:	7.94 in

Power

CCA (BCI 0°F):	800 amps
MCA (BCI 32°F):	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.)

Model: 34M

These batteries are designed for engine starting applications. They are not recommended or warranted for use in deep cycle applications.

Recommended Charging Information

Alternator:	13.3 to 15.0 volts
Battery Charger:	13.8 to 15.0 volts; 10 amps maximum; 6-12 hours approximate
Float Charge:	13.2 to 13.8 volts; 1 amp maximum current (indefinite time at lower voltages)
Rapid Recharge (Constant voltage charger):	Maximum voltage 15.6 volts. No current limit as long as battery temperature remains below 125°F (51.7°C). Charge until current drops below 1 amp. All limits must be strictly adhered to.