

# cyclon®

## CYCLON® BATTERY SELECTION GUIDE

### TABLE OF CONTENTS

#### Company background

|                                 |   |
|---------------------------------|---|
| EnerSys® .....                  | 2 |
| Services and applications ..... | 2 |
| Features and benefits .....     | 5 |

#### Technical information

|                                                 |   |
|-------------------------------------------------|---|
| Capacity as a function of temperature .....     | 7 |
| State of charge .....                           | 7 |
| Storage time as a function of temperature ..... | 7 |
| Charging recommendations .....                  | 7 |

#### CYCLON® Battery Single Cells

|                                                                                                     |    |
|-----------------------------------------------------------------------------------------------------|----|
| CYCLON® product family .....                                                                        | 8  |
| CYCLON® battery alternate configurations .....                                                      | 9  |
| CYCLON® battery standard descriptions .....                                                         | 9  |
| CYCLON® battery Single Cell performance specifications .....                                        | 10 |
| CYCLON® battery Single Cell standard assemblies .....                                               | 11 |
| CYCLON® battery BC Single Cell performance specifications .....                                     | 12 |
| CYCLON® battery Single Cell mechanical specifications .....                                         | 13 |
| CYCLON® battery BC Single Cell mechanical specifications .....                                      | 13 |
| CYCLON® battery Single Cell constant current (CC)<br>and constant power (CP) discharge graphs ..... | 14 |

#### CYCLON® Battery Monobloc

|                                                                                        |    |
|----------------------------------------------------------------------------------------|----|
| 4V/6V Monobloc performance specifications .....                                        | 15 |
| 4V/6V Monobloc standard assemblies .....                                               | 16 |
| 4V/6V Monobloc mechanical specifications .....                                         | 17 |
| 4V/6V Monobloc constant current (CC)<br>and constant power (CP) discharge graphs ..... | 18 |

#### Quick reference list

|                                |    |
|--------------------------------|----|
| Standard product listing ..... | 19 |
|--------------------------------|----|



# Powerful design

## Resealable safety valve

A 50-PSI vent lets gases escape, then automatically reseals, so there's no risk of excessive gas accumulation within the battery, or "dry out" failure from repeated recharges.

## Pure lead plates

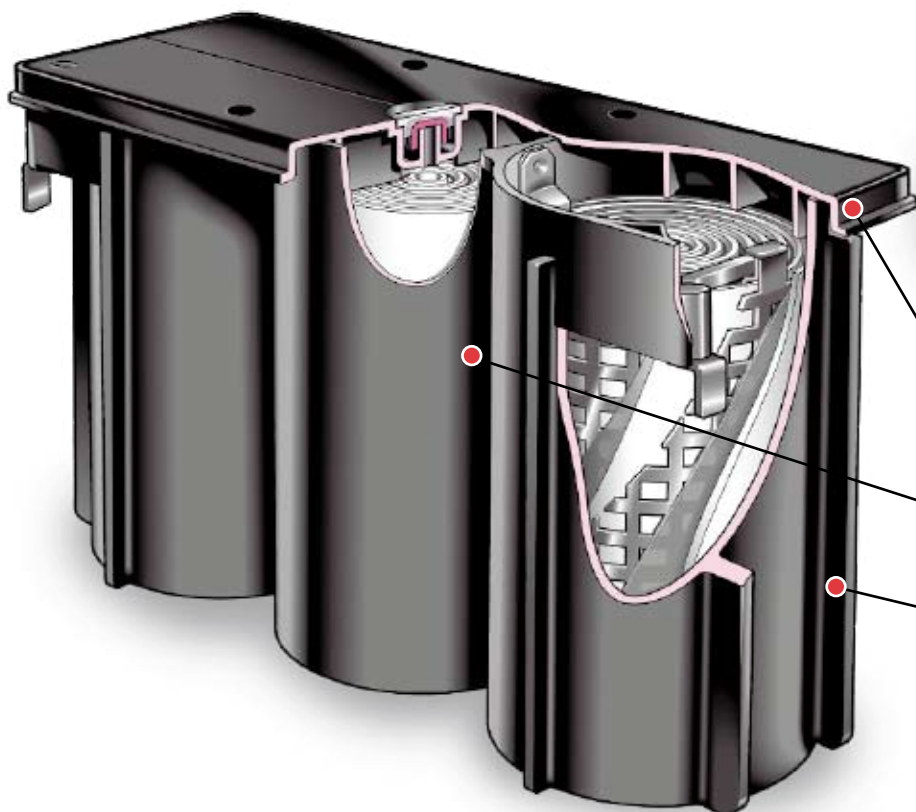
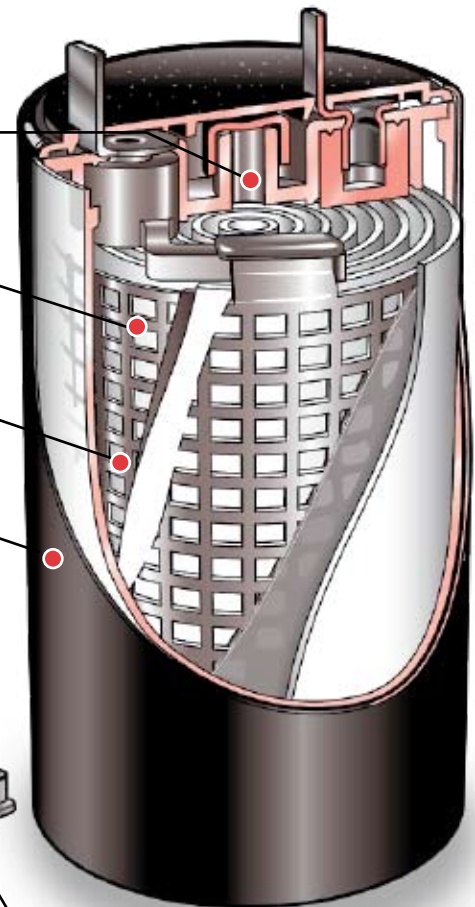
Made from 99.99% pure lead, CYCLON® battery plates are extremely thin, so they offer more surface area than conventional batteries – and far more power.

## AGM plate separator

High-purity acid is absorbed right into the Absorbed Glass Mat (AGM) plate separators, so the CYCLON battery provides leak-proof operation in any position.

## Steel can enclosure

The CYCLON battery's metal outer jacket offers extreme shock, vibration, temperature, and flammability protection.



**One-piece plastic cover**

**Direct thru-the-wall intercell connections**

**One-piece plastic case**