

EUROBAT Guide

Design Life of Exide VRLA Batteries


The Eurobat guide (2015) for the specification of valve regulated lead-acid (VRLA) stationary batteries defines four product categories based on the design life at 20°C under float operation conditions:

3 - 5 Years Standard Commercial	This group of batteries is at the consumer end of standby applications and are popular in small emergency equipment.
6 - 9 Years General Purpose	This group of batteries is usually used when an improved life is required in comparison to the Standard Commercial product, and also in cases where operational conditions are more severe.
10/12 Years Long Life	This group of batteries is used where high power, long life and high reliability are required.
> 12 Years Very Long Life	This group of batteries is used in applications where longest life and highest reliability are required.

Exide Technologies' stationary VRLA batteries belong to the following Eurobat design life categories:

Sonnenschein A400 / A400FT	> 12 Years - Very Long Life
Sonnenschein A500	10/12 Years - Long Life
Sonnenschein A600	> 12 Years - Very Long Life
Sonnenschein PowerCycle	> 12 Years - Very Long Life
Powerfit S100, S300	3 - 5 Years - Standard Commercial
Powerfit S100L	10/12 Years - Long Life
Sprinter P / XP	10/12 Years - Long Life
Sprinter XP-FT	> 12 Years - Very Long Life
Marathon L / XL / FT / PC	> 12 Years - Very Long Life
Absolyte GP / GX	> 12 Years - Very Long Life

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Siegfried Miller

Application Engineer EMEA

Exide Technologies GmbH
Im Thiergarten
63654 Büdingen - Germany