



the safe connection. 



Valve Regulated Lead Acid Batteries

Maintenance free



± Battery



- Security & Alarm systems



- Emergency Lighting



- UPS



- Telecom Applications



- Tools



- Solar



- Toys



- Agriculture

SSB Batteries are manufactured according to the newest available VRLA technology and know how, using the most modern production machinery. The long, over 10 years, experience, the continuous product and production development due to the R&D contribution assure the final product reliability. The high energy density, the advanced plate design, the absolute sealed construction warranty the optimal performance and the extended battery life time. All these make SSB batteries the most secure and reliable Sealed Valve Regulated Lead Acid batteries option.



Long Life

The SBL & SBLFT series can deliver all the advantages of Valve Regulated Lead Acid (VRLA) technique, specially designed and developed to better cover increasingly higher expectations for longer life batteries with a life time up to 12 years according to EUROBAT specifications.



Long Life

SBL

SBLFT

Standard Types

Our standard series utilize high quality raw material, modern plate design, advanced recombination technology, well trained personnel, continuous and strict control procedures and thus are an excellent choice for numerous applications.



Standard

6V

12V



VdS

The new battery series SB/SBLV & SSB/SSBL refer to our determination towards continuous range development and expansion of available product portfolio. Our constant drive is the diversification with new series fitting better and more specific to our customer's individual request always meeting our continuous demand for high quality, reliability and outmost performance.

High Rate

High Rate refers to our product range with batteries able to deliver high current during a short discharge time. The SBH & SBL/HR batteries series is our continuous strive to excellence and better accommodation of special and demanding needs, able to sustain high discharge current with the optimal voltage performance during short mainly discharge period.



VdS

SB/SBLV

SSB/SSBL



High Rate

SBH

SBL/HR

CHARGING

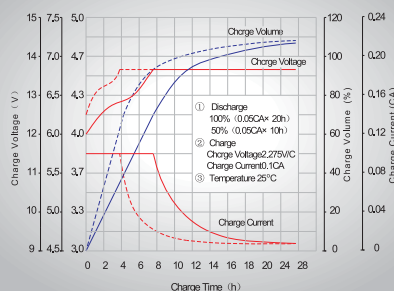
① Stand by application

- ➔ Charge at 2,25V to 2,3V/ cell continuously
- ➔ A fully discharged battery can start with a current at 2CA
- ➔ Final charging current at 2,25V to 2,3V fluctuates from 0,0005CA to 0,004CA

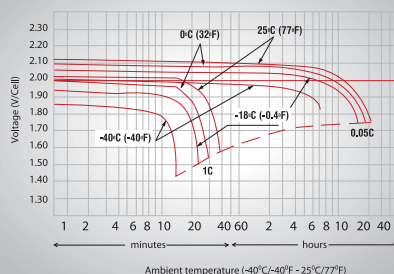
② Cyclic application

- ➔ Charge at 2,5V/ cell
- ➔ Maximum charger output should not exceed 0,25CA
- ➔ Maximum charging time 24h
- ➔ Final charging current at 2,5V from 0,03CA to 0,06CA

Charging Characteristics (25°C/77°F)



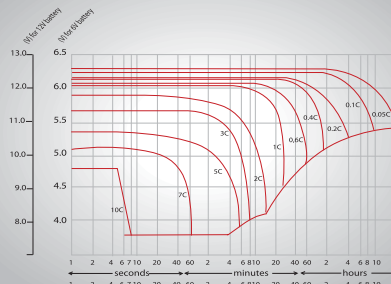
Temperature Effect on capacity



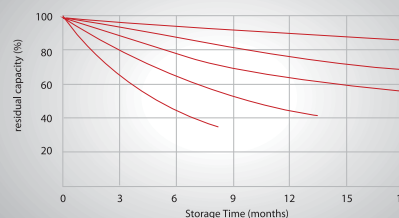
CAUTION

1. Do not place SSB batteries close to fire
2. Avoid short circuit
3. Do not clean SSB batteries with oil or any other diluting fluid
4. Do not approach metallic instruments close to the terminals
5. Do not connect SSB batteries of different capacity

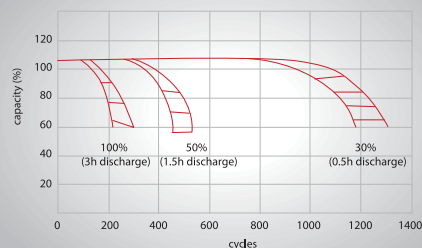
Discharge Characteristics (25°C/77°F)



Self-discharge characteristics



Life characteristics of Cyclic Use



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