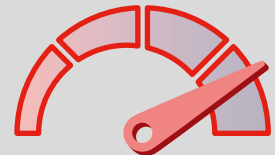


SD SDH

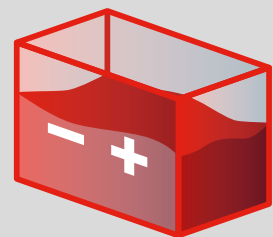
FIAMM
+ -

**High-rate
flooded cells**

**High-rate
performance**



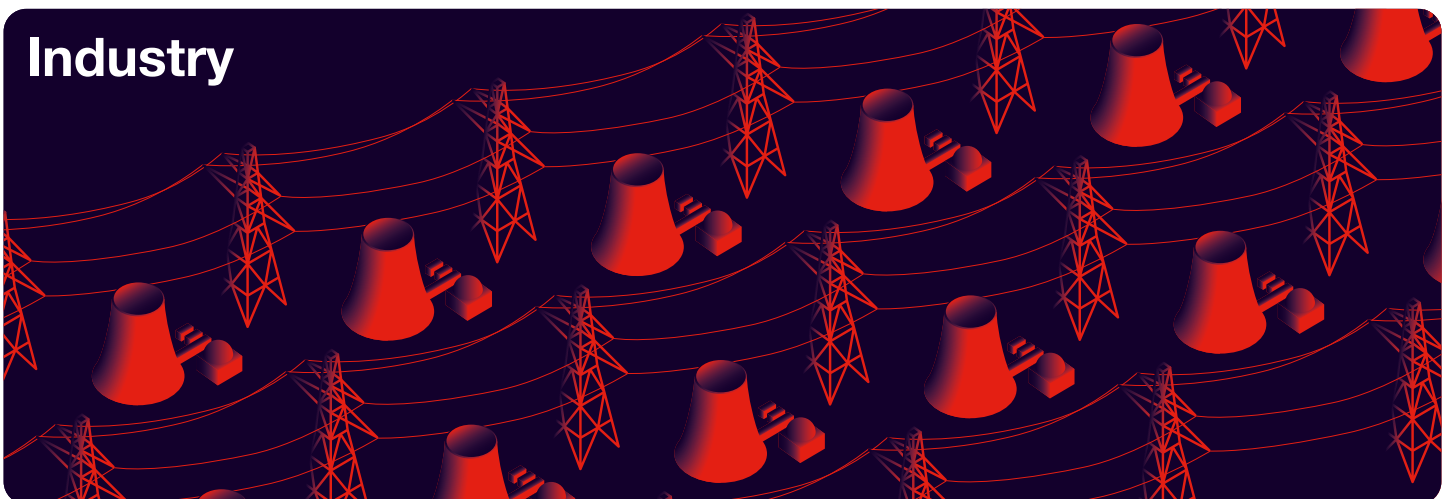
**Flooded
technology**



**99%
RECY
CLABLE**



Industry



SD SDH

15 years design life flat-plate flooded cells for high rate demanding application

The SD-SDH range is the perfect choice when the application requires high power in a short period. Main applications include industrial UPS, utilities, industry and oil & gas. The range is designed to provide a high level of robustness for applications where high energy peaks are needed in a short time.

Due to special low antimony plates design the range has the added

benefit of low maintenance resulting in lower operating costs. Under normal float operating conditions, topping-up is required every three years. The design has been optimized to lower self-discharge during storage. All these outstanding features add up to a longer life product with lower maintenance costs. Like all FIAMM lead-acid batteries, the SD/SDH range is eco-friendly and fully recyclable at the end of life.

| Cell type | Nominal capacity (Ah) | Nominal dimension (mm) | | | Electrolyte quantity (liters) | Typical weight (with electrolyte) (kg) |
|-----------|-----------------------|------------------------|-------|--------|-------------------------------|--|
| | 10H 1.80VPC 20°C | Length | Width | Height | | |
| SD 5 | 80 | 103 | 206 | 423 | 4.4 | 13.8 |
| SD 7 | 120 | 103 | 206 | 423 | 4.0 | 15.5 |
| SD 9 | 160 | 124 | 206 | 423 | 5.2 | 17.5 |
| SD 11 | 200 | 124 | 206 | 423 | 4.8 | 20.5 |
| SD 13 | 240 | 145 | 206 | 423 | 6.0 | 23.5 |
| SD 15 | 280 | 145 | 206 | 423 | 6.0 | 26.3 |
| SD 17 | 320 | 187 | 206 | 423 | 8.0 | 29.5 |
| SD 19 | 360 | 187 | 206 | 423 | 7.7 | 30.6 |
| SD 21 | 400 | 187 | 206 | 423 | 7.6 | 32.0 |
| SD 23 | 440 | 187 | 206 | 423 | 7.4 | 35.0 |
| SDH 13 | 480 | 145 | 206 | 710 | 10.9 | 43.9 |
| SDH 15 | 560 | 145 | 206 | 710 | 10.5 | 46.7 |
| SDH 17 | 640 | 210 | 191 | 710 | 15.2 | 57.0 |
| SDH 19 | 720 | 210 | 191 | 710 | 14.4 | 59.5 |
| SDH 21 | 800 | 210 | 191 | 710 | 14.4 | 66.8 |
| SDH 23 | 880 | 210 | 233 | 710 | 18.4 | 71.0 |
| SDH 25 | 960 | 210 | 233 | 710 | 17.6 | 78.8 |
| SDH 27 | 1040 | 210 | 233 | 710 | 16.8 | 76.0 |
| SDH 29 | 1120 | 210 | 275 | 710 | 20.8 | 92.6 |
| SDH 31 | 1200 | 210 | 275 | 710 | 20.4 | 95.4 |
| SDH 33 | 1280 | 210 | 275 | 710 | 20.0 | 98.2 |
| SDH 35 | 1360 | 210 | 275 | 710 | 19.6 | 101 |
| SDH 37 | 1440 | 218 | 368 | 687 | 36.8 | 117 |
| SDH 39 | 1520 | 218 | 368 | 687 | 34.8 | 121 |
| SDH 41 | 1600 | 218 | 368 | 687 | 33.1 | 124 |
| SDH 43 | 1680 | 218 | 368 | 687 | 30.8 | 128 |
| SDH 45 | 1760 | 218 | 368 | 687 | 29.2 | 131 |
| SDH 47 | 1840 | 218 | 368 | 687 | 24.8 | 135 |
| SDH 49 | 1920 | 218 | 368 | 687 | 27.1 | 138 |
| SDH 51 | 2000 | 218 | 448 | 687 | 36.0 | 150 |
| SDH 53 | 2080 | 218 | 448 | 687 | 35.2 | 152 |
| SDH 55 | 2160 | 218 | 448 | 687 | 33.6 | 157 |
| SDH 57 | 2240 | 218 | 448 | 687 | 32.8 | 161 |
| SDH 59 | 2320 | 218 | 448 | 687 | 31.5 | 164 |

Standards

IEC 60896 Part 11 – vented types requirements & tests

Solutions & accessories

