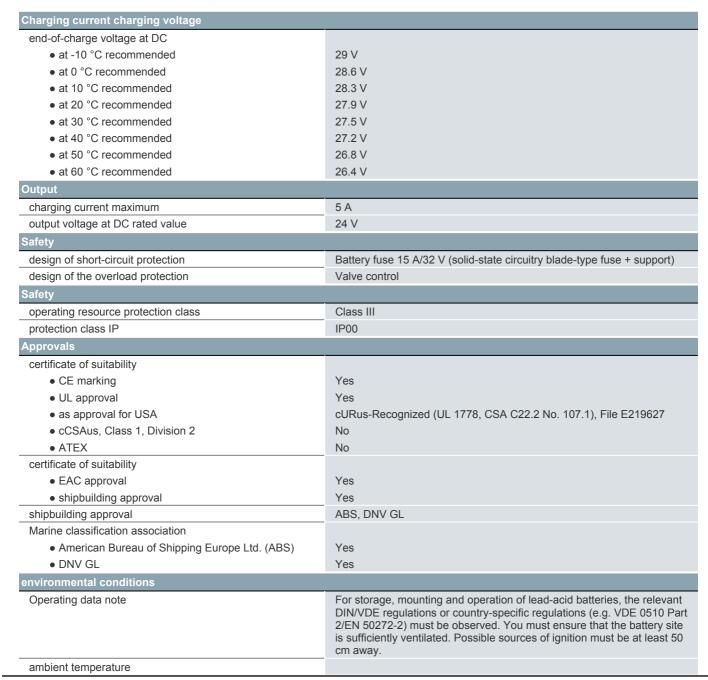
## SIEMENS

## Data sheet

## 6EP1935-6MD31

## SITOP BATTERY MODULE/24V/2.5AH

SITOP pure lead battery module 24 V/2.5 Ah with maintenance-free sealed lead batteries for SITOP DC UPS module 6 A and 15 A \*Ex approval no longer available\*



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| during operation   | -40 +60 °C  |
|--|---|
| <ul> <li>during transport</li> </ul>                         | -40 +60 °C  |
| <ul> <li>during storage</li> </ul>                           | -40 +60 °C  |
| relative temporary capacity loss at 20 °C in a month typical | 3 %   |
| Service life   |   |
| service life of energy storage                               |   |
| • typical  | capacity falls to 80 % of original capacity (according to EUROBAT)  |
| <ul> <li>at 20 °C typical</li> </ul>                         | 10 y  |
| • at 30 °C typical   | 7 у   |
| • at 40 °C typical   | 3 у   |
| ● at 50 °C typical   | 1.5 у   |
| • at 60 °C typical   | 1 y   |
| ambient temperature during storage                           | Along with the storage and operating temperature, other factors such as the duration of the storage period and the charge status during storage have a decisive influence on the possible useful life. Batteries should therefore be stored as briefly as possible, always fully charged, and within the temperature range 0 to +20 °C. |
| Mechanics  |   |
| type of electrical connection                                | spring-loaded terminals   |
| <ul> <li>for power supply unit</li> </ul>                    | 1 screw terminal each for 0.08 2.5 mm <sup>2</sup> for + BAT and - BAT  |
| product component included                                   | Accessories pack with solid-state circuitry fuse 15 A   |
| width of the enclosure                                       | 265 mm  |
| height of the enclosure                                      | 151 mm  |
| depth of the enclosure                                       | 91 mm   |
| installation width   | 285 mm  |
| mounting height  | 171 mm  |
| fastening method   |   |
| <ul> <li>wall mounting</li> </ul>                            | Yes   |
| <ul> <li>standard rail mounting</li> </ul>                   | Yes   |
| <ul> <li>S7 rail mounting</li> </ul>                         | No  |
| fastening method   | snaps onto DIN rail EN 60715 35x15 or keyhole mounting for hooking in to M4 screws  |
| net weight   | 3.8 kg  |
| number of cells  | 12  |
| battery capacity   | 2.5 A·h   |
| other information  | Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)   |

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