



SITOP BATTERY MODULE 24 V/3.2 AH WITH SERVICE-FREE SEALED LEAD-ACID BATTERIES FOR SITOP DC UPS MODULE 6 A AND 15 A

### Technical specifications

|                 |                                      |
|-----------------|--------------------------------------|
| Product         | SITOP Battery module                 |
| Product type    | Battery module 3.2 Ah                |
| Type of battery | maintenance-free lead-acid batteries |

### Charging current

|  |   |
|--|---|
| End of charging voltage / for DC   |   |
| <ul style="list-style-type: none"> <li>at 10 °C / recommended</li> <li>at 20 °C / recommended</li> <li>at 30 °C / recommended</li> <li>at 40 °C / recommended</li> <li>at 50 °C / recommended</li> </ul> | <p>27.8 V</p> <p>27.3 V</p> <p>26.8 V</p> <p>26.6 V</p> <p>26.3 V</p> |
| charging current / maximum   | 0.8 A   |

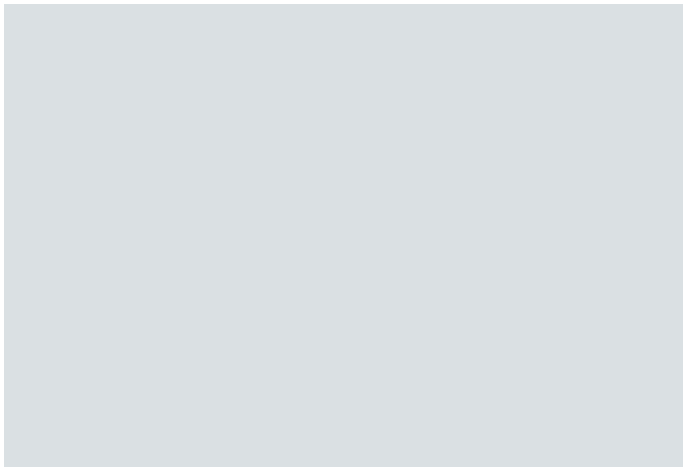
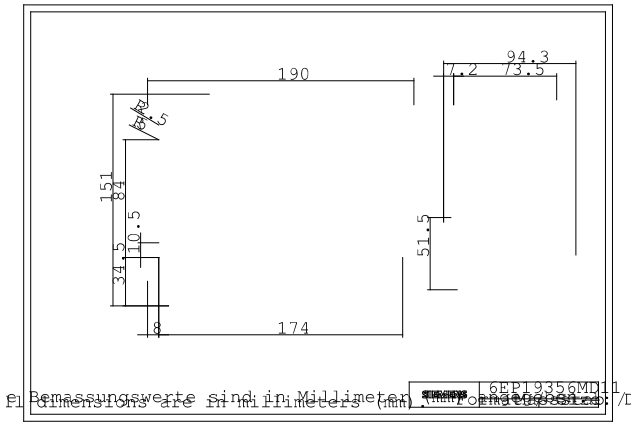
### Safety

|  |  |
|--|--|
| Design of the short-circuit protection | Battery fuse 15 A/32 V (solid-state circuitry blade-type fuse + support) |
| Design of the overload protection      | Valve control  |

### Safety

|                       |   |
|-----------------------|---|
| Protection class      | Class III   |
| CE mark               | Yes   |
| UL/cUL (CSA) approval | cURus-Recognized (UL 1778, CSA C22.2 No. 107.1), File E219627 |
| Protection class IP   | IP00  |

| Operating data   |   |
|--|---|
| <ul style="list-style-type: none"> <li>• note</li> </ul>               | For storage, mounting and operation of lead-acid batteries, the relevant DIN/VDE regulations or country-specific regulations (e.g. VDE 0510 Part 2/EN 50272-2) must be observed. You must ensure that the battery site is sufficiently ventilated. Possible sou |
| Ambient temperature  |   |
| <ul style="list-style-type: none"> <li>• in operation</li> </ul>       | -15 ... +50 °C  |
| <ul style="list-style-type: none"> <li>• on transport</li> </ul>       | -20 ... +50 °C  |
| <ul style="list-style-type: none"> <li>• in storage</li> </ul>         | -20 ... +50 °C  |
| Relative, temporary capacity loss / at 20 °C / in a month / typical    | 3 %   |
| Service life   |   |
| Service life of lead-acid battery                                      |   |
| <ul style="list-style-type: none"> <li>• typical / note</li> </ul>     | capacity falls to 50 % of original capacity   |
| <ul style="list-style-type: none"> <li>• at 20 °C / typical</li> </ul> | 4 a   |
| <ul style="list-style-type: none"> <li>• at 30 °C / typical</li> </ul> | 2 a   |
| <ul style="list-style-type: none"> <li>• at 40 °C / typical</li> </ul> | 1 a   |
| <ul style="list-style-type: none"> <li>• at 50 °C / typical</li> </ul> | 0.5 a   |
| Mechanics  |   |
| Connection technology  | spring-loaded terminals   |
| Design of the electrical connection                                    | 1 screw terminal each for 0.08 ... 2.5 mm <sup>2</sup> for + BATT and - BATT  |
| Product component / belonging to                                       | Accessories pack with solid-state circuitry fuse 15 A   |
| Width / of the housing   | 190 mm  |
| Height / of the housing  | 151 mm  |
| Depth / of the housing   | 82 mm   |
| Installation width   | 210 mm  |
| Mounting height  | 171 mm  |
| Net weight   | 3.2 kg  |
| Installation   | snaps onto DIN rail EN 60715 35x7.5/15 or keyhole mounting for hooking in to M4 screws  |
| Number of cells  | 12  |
| Other information  | Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)   |



letzte Änderung:

Jul 17, 2012