

SITOP BATTERY MODULE 24 V/1.2 AH
 SITOP BATTERY MODULE 24 V/1.2 AH WITH SERVICE-FREE
 SEALED LEAD-ACID BATTERIES FOR SITOP DC UPS MODULE 6
 A



Charging current charging voltage

| | |
|--|---|
| End-of-charge voltage at DC | |
| <ul style="list-style-type: none"> • at 10 °C recommended • at 20 °C recommended • at 30 °C recommended • at 40 °C recommended • at 50 °C recommended | <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> |
| Permissible charging current, max. | 0.3 A |

Safety

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| Short-circuit protection | Battery fuse 7.5 A/32 V (solid-state circuitry blade-type fuse + support) |
| Design of the overload protection | Valve control |

Safety

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|---------------------------------|---|
| Protection class | Class III |
| CE mark | Yes |
| UL/cUL (CSA) approval | cURus-Recognized (UL 1778, CSA C22.2 No. 107.1), File E219627 |
| Degree of protection (EN 60529) | IP00 |

Operating data note

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| Operating data note | 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 sources of ignition must be at least 50 cm away. |
| Ambient temperature | |
| • during operation | -15 ... +50 °C |
| • during transport | -20 ... +50 °C |
| • during storage | -20 ... +50 °C |
| Relative temporary capacity loss at 20 °C in a month typical | 3 % |

Service life

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|---|---|
| Service life of lead-acid battery | |
| • typical Note | capacity falls to 50 % of original capacity |
| • at 20 °C typical | 4 y |
| • at 30 °C typical | 2 y |
| • at 40 °C typical | 1 y |
| • at 50 °C typical | 0.5 y |
| Ambient temperature during storage Note | 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

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| Connection technology | spring-loaded terminals |
| Connection for power supply unit | 1 screw terminal each for 0.08 ... 2.5 mm ² for + BATT and - BATT |
| Product component belonging to | Accessories pack with solid-state circuitry fuse 7.5 A |
| Width of the enclosure | 96 mm |
| Height of the enclosure | 106 mm |
| Depth of the enclosure | 108 mm |
| Installation width | 116 mm |
| Installation height | 126 mm |
| Weight, approx. | 1.8 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) |