



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

### Technical specifications

Product	SITOP Battery module
Product type	Battery module 1.2 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	0.3 A

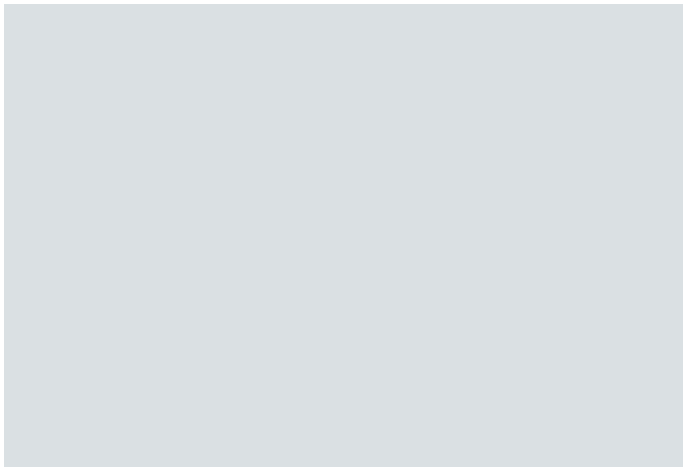
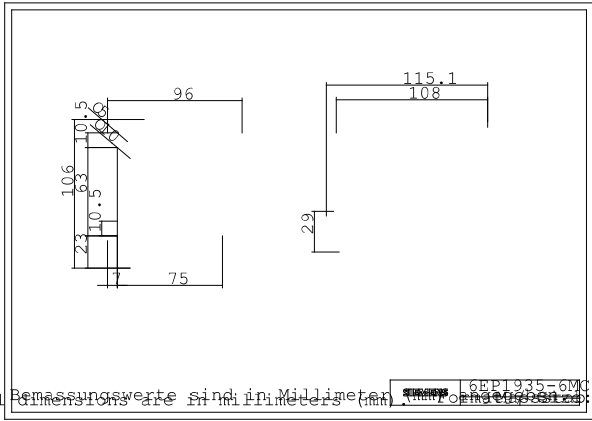
### Safety

Design of the 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

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 7.5 A
Width / of the housing	96 mm
Height / of the housing	106 mm
Depth / of the housing	108 mm
Installation width	116 mm
Mounting height	126 mm
Net weight	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)



letzte Änderung:

Dec 17, 2012