



SITOP BAT1600/BATTERIEMONITOR

SITOP BAT1600 battery monitor spare part for SITOP BAT1600 38 Ah Pb \*Ex approval no longer available\*

Output	
output current rated value	40 A
charging current maximum	3 A
output voltage at DC rated value	24 V
Safety	
display version for normal operation	Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible
Safety	
operating resource protection class	Class III
protection class IP	IP20
Approvals	
certificate of suitability	
<ul style="list-style-type: none"> <li>• CE marking</li> <li>• UL approval</li> </ul>	Yes Yes; cULus-Listed (UL 61010-1, UL61010-2-201 , CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)
<ul style="list-style-type: none"> <li>• CSA approval</li> </ul>	Yes; cULus-Listed (UL 61010-1, UL61010-2-201 , CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)
<ul style="list-style-type: none"> <li>• cCSAus, Class 1, Division 2</li> <li>• ATEX</li> </ul>	No No
type of certification CB-certificate	Yes
certificate of suitability	
<ul style="list-style-type: none"> <li>• C-Tick</li> <li>• shipbuilding approval</li> </ul>	Yes Yes
shipbuilding approval	ABS; in process: DNV
Marine classification association	
<ul style="list-style-type: none"> <li>• American Bureau of Shipping Europe Ltd. (ABS)</li> <li>• DNV GL</li> </ul>	Yes Yes
environmental conditions	
Operating data note	For storage, mounting and operation of batteries, the relevant DIN/VDE regulations or country-specific regulations (e.g. VDE 0510 Part 2/EN 50272-2) must be observed.
ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during transport</li> <li>• during storage</li> </ul>	-25 ... +70 °C -40 ... +85 °C -40 ... +85 °C
Mechanics	
type of electrical connection	Plug-in terminals with screwed connection
<ul style="list-style-type: none"> <li>• for power supply unit</li> <li>• for control circuit and status message</li> </ul>	1 screw terminal each for 0.5 ... 16 mm <sup>2</sup> for + BAT and - BAT 1 screw terminal each for 0.2 ... 2.5 mm <sup>2</sup>
product component included	2x Maxi Fuse 50 A/32 V

width of the enclosure	77 mm
height of the enclosure	109 mm
depth of the enclosure	42 mm
installation width	77 mm
mounting height	92 mm
required spacing	
• top	50 mm
• bottom	50 mm
• left	0 mm
• right	0 mm
fastening method	
• wall mounting	No
• standard rail mounting	No
• S7 rail mounting	No
fastening method	Velcro fastener
net weight	0.4 kg

