



SITOP BATTERY MODULE 24 V/12 AH WITH SERVICE-FREE SEALED LEAD-ACID BATTERIES FOR SITOP DC UPS MODULE 6 A, 15 A AND 40 A

Technical specifications

Product	SITOP Battery module
Product type	Battery module 12 Ah
Type of battery	maintenance-free lead-acid batteries

Charging current

End of charging voltage / for 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>
charging current / maximum	3 A

Safety

Design of the short-circuit protection	Battery fuse 20 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"> 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 sou
Ambient temperature	
<ul style="list-style-type: none"> in operation 	-15 ... +50 °C
<ul style="list-style-type: none"> on transport 	-20 ... +50 °C
<ul style="list-style-type: none"> in storage 	-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"> typical / note 	capacity falls to 50 % of original capacity
<ul style="list-style-type: none"> at 20 °C / typical 	4 a
<ul style="list-style-type: none"> at 30 °C / typical 	2 a
<ul style="list-style-type: none"> at 40 °C / typical 	1 a
<ul style="list-style-type: none"> at 50 °C / typical 	0.5 a
Mechanics	
Connection technology	spring-loaded terminals
Design of the electrical connection	1 screw terminal each for 0.08 ... 4 mm ² for + BATT and - BATT
Product component / belonging to	Accessories pack with solid-state circuitry fuse 20 A and 30 A
Width / of the housing	253 mm
Height / of the housing	168 mm
Depth / of the housing	121 mm
Installation width	273 mm
Mounting height	188 mm
Net weight	9 kg
Installation	can be screwed onto flat surface (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)

