SIEMENS

Data sheet 6EP1935-6ME21

SITOP BATTERY MODULE/24V/7AH SITOP Akkumodul 24 V/7 Ah with maintenance free Seaed lead batteries for SITOP DC-USV Module 6 A, 15 A and 40 A

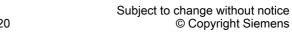


Charging current charging voltage	
end-of-charge voltage at DC	
• at -10 °C recommended	29 V
• at 0 °C recommended	28.4 V
• at 10 °C recommended	27.8 V
• at 20 °C recommended	27.3 V
• at 30 °C recommended	26.8 V
• at 40 °C recommended	26.6 V
• at 50 °C recommended	26.3 V
Out to the	
Output	
Permissible charging current, max.	1.75 A
Rated voltage Vout DC	24 V
Safety	
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



Degree of protection (EN 60529)	IP00	
Approvals		
CE mark	Yes	
UL/cUL (CSA) approval	cURus-Recognized (UL 1778, CSA C22.2 No. 107.1), File E219627	
Marine approval	DNV GL, ABS	
environmental conditions		
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		
service life of energy storage		
• typical note	capacity falls to 80 % of original capacity (according to EUROBAT)	
• 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		
Connection technology	spring-loaded terminals	
Connection for power supply unit	1 screw terminal each for 0.08 4 mm² for + BAT and - BAT	
product component belonging to	Accessories pack with solid-state circuitry fuse 20 A and 30 A	
width of the enclosure	186 mm	
height of the enclosure	168 mm	
depth of the enclosure	121 mm	
installation width	206 mm	





188 mm

6 kg

Ö PNAP

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Installation height

Weight, approx.

Installation	can be screwed onto flat surface (keyhole mounting for hooking in
	to M4 screws)
number of cells	12
Battery	7 A·h
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

