SIEMENS

Data sheet

6EP4134-0GB00-0AY0

SITOP UPS1100 BATTERY MOD. 24 V/7 AH SITOP UPS1100 Battery module with warning not closed Lead batteries for SITOP DC-USV Modules; DC 24 V 7 Ah



Charging current charging voltage	
End-of-charge voltage at DC	
• at -10 °C recommended	28 V
• at 0 °C recommended	28 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
Output	
Rated current value lout rated	40 A
Permissible charging current, max.	1.75 A
Rated voltage Vout DC	24 V
Safety	
Short-circuit protection	Battery fuse 2x 25 A/32 V (solid-state circuitry blade-type fuse +
	support)
Design of the overload protection	Valve control

LED green: Battery OK: LED flashing green: Error or warning: OFF: No communication Safety Protection class Class III Degree of protection (EN 60529) IP20 Approvals CE mark Ves UL/CUL (CSA) approval CLRus-Recognized (UL 1778, CSA C22.2 No. 107.1), File E219627 Explosion protection IECX Ex na n C IIC T4 Gc; cCSAus (CSA C22.2 No. 213-M1987, ANSI/ISA-12.12.01-2013) Class I, Div. 2; Group ABCD, T4 Approvals Yes Marine approval DNV GL, ABS environmental conditions Operating data note For storage, mounting and operation of lead-acid batteries, the relevant DIN/DE 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 vertilated. Possible sources of ignition must be at least 50 cm away. Ambient temperature • during operation • during storage • during storage • during storage • typical Note Service life Service life of energy storage • typical Note • at 20 °C typical • at 30 °C typica		
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Relative temporary capacity loss at 20 °C in a month typical Service life Service life of energy storage • typical Note • at 20 °C typical • at 30 °C typical • at 40 °C typical • at 50 °C typical • at 50 °C typical • at 50 °C typical • at 50 °C typical 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 screw-type terminals	during transport	-20 +50 °C
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• at 50 °C typical 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 screw-type terminals	• at 30 °C typical	2 y
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Connection technology screw-type terminals	Ambient temperature during storage Note	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
Connection technology screw-type terminals	Mechanics	
Connection for power supply unit 1 screw terminal each for 0.5 16 mm² for + BAT and - BAT		screw-type terminals
	Connection for power supply unit	1 screw terminal each for 0.5 16 mm² for + BAT and - BAT

Type of electrical connection for control circuit and status message	1 screw terminal each for 0.14 4 mm ²
Product component belonging to	Accessories pack with solid-state circuitry fuse 25 A
Width of the enclosure	186 mm
Height of the enclosure	186 mm
Depth of the enclosure	110 mm
Installation width	186 mm
Installation height	201 mm
Weight, approx.	6.1 kg
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)