

Siemens 6EP1935-6MF01 Manual

Brand	Siemens
Product Series	Siemens
Product Type	fuse +

Description

6EP1935-6MF01

SITOP BATTERY MODULE 24 V/12 AH

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

Charging current charging voltage

End-of-charge voltage for DC

- 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

Permissible charging current, max. 3 A

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

CE mark Yes

UL/cUL (CSA) approval cURus-Recognized (UL 1778, CSA C22.2 No. 107.1), File E219627

Degree of protection (EN 60529) IP00

Operating data note

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 lead-acid battery

- typical Note capacity falls to 50 % of original capacity
- 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 + BATT and - BATT

Product component belonging to Accessories pack with solid-state circuitry fuse 20 A and 30 A

Width of the enclosure 253 mm

Height of the enclosure 168 mm

Depth of the enclosure 121 mm

Installation width 273 mm

Installation height 188 mm

Weight, approx. 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)

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