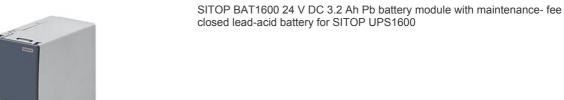
SIEMENS

Data sheet

6EP4133-0GA00-0AY0





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	
output current rated value	20 A
charging current maximum	0.8 A
output voltage at DC rated value	24 V
Safety	
design of the overload protection	Valve control
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	
CE marking	Yes
 UL approval 	Yes
 as approval for USA 	UL-Listed (UL 621010, CSA C22.2 No. 107.1)
 CSA approval 	Yes
 cCSAus, Class 1, Division 2 	No
• ATEX	No
certificate of suitability	
• C-Tick	Yes
shipbuilding approval	Yes
shipbuilding approval	ABS, DNV GL
Marine classification association	
 American Bureau of Shipping Europe Ltd. (ABS) 	Yes
DNV GL	Yes
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 +40 °C
relative temporary capacity loss at 20 °C in a month typical	3 %
Service life	
service life of energy storage	
• typical	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	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	
type of electrical connection	screw-type terminals
for power supply unit	1 screw terminal each for 0.5 10 mm² for + BAT and - BAT
 for control circuit and status message 	1 screw terminal each for 0.2 2.5 mm ²
product component included	2x Maxi Fuse 25 A/32 V
width of the enclosure	89 mm
height of the enclosure	156 mm
depth of the enclosure	169 mm
installation width	89 mm
mounting height	256 mm
required spacing	
• top	50 mm
• bottom	50 mm
• left	0 mm
• right	0 mm
fastening method	
wall mounting	Yes
standard rail mounting	Yes
S7 rail mounting	Yes
fastening method	snaps onto DIN rail EN 60715 35x15 or wall mounting with accessories wall mounting set 6EP4990-0MK00-0XU0
net weight	3.8 kg
number of cells	2
battery capacity	3.2 A·h
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

