



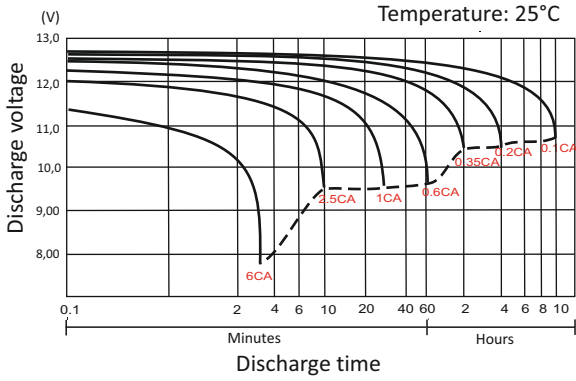
Application

- Telecom DC power systems
- Fire protection systems
- Alarm and access control systems
- Uninterruptible power supply for automation and control devices
- UPS
- Emergency lighting

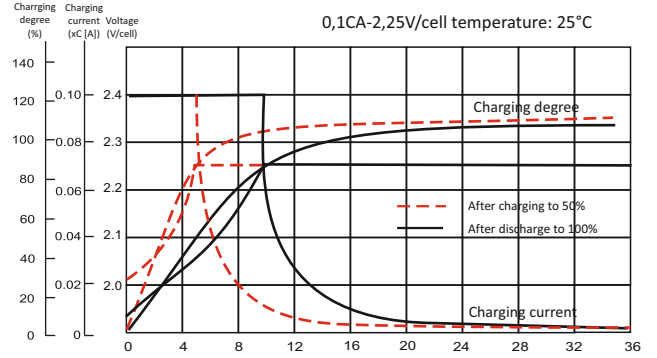
Specification

Nominal voltage	12V
Nominal capacity	20h: 158,8 Ah (25°C at 10,8V/battery block) 10h: 150,0Ah (25°C at 10,8V/battery block) 5h: 130,5Ah (25°C at 10,5V/battery block) 1h: 95,9Ah (25°C at 10,2V/battery block)
Designed lifetime (20°C)	10-12 years
Dimensions	Length: 552± 2mm Width: 110 ± 2mm Height: 288 ± 2mm Total height: 288 ± 2mm
Weight	ca. 46,6kg
Connectors	B6
Container material	ABS UL94-HB
Max. discharge current	1200A (5s)
Internal resistance	ca. 3,0mΩ
Ambient temp. range	Discharging: -20°C to 55°C Charging: 0°C to 50°C (recommended 0°C to 40°C) Storage: -15°C to 50°C (recommended -5°C to 40°C)
Optimum operating temperature	20 to 25°C
Maximum charging current	45,0A
Cycle Use	Charging voltage: 14,4V to 15,0V in 25°C. Temperature correction: -30mV/°C
Standby Use	Charging voltage: 13,5V to 13,8V at 25°C. Temperature correction: -20mV/°C Max. 14,16V (bulk charging / refreshing)
Influence of temperature on capacity	103% for 40°C, 100% for 25°C, 86% for 0°C

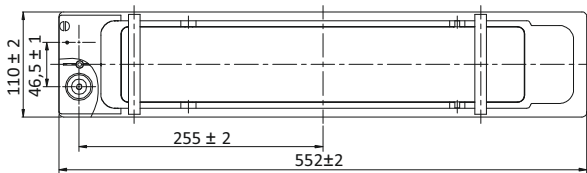
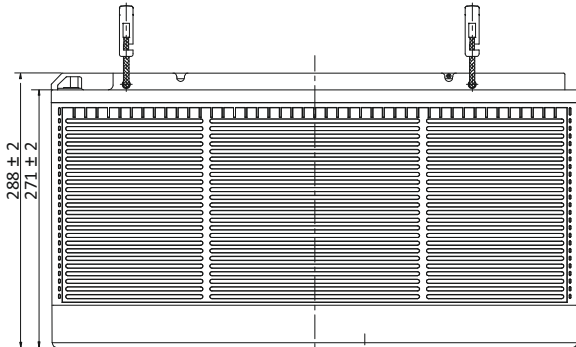
Discharging characteristics



Charging characteristics (floating mode)



Dimensions



Connectors

Type B6:

