



MWL 20-12

12V 20Ah

Compliance with standards

PN-EN 60896-21:2007
PN-EN 60896-22:2007
PN-EN 61056-1:2008
PN-EN 61056-2:2003(U)
PN-E-83016:1999

MW Power MWL series batteries are mainly dedicated for use in emergency power supply systems e.g. UPS, emergency lighting, automation systems. The batteries can also be used in applications where the batteries are used in cycles. For depth of discharge up to 50% they have about 400 cycles.

The design life is 10-12 years for 20-25 °C.



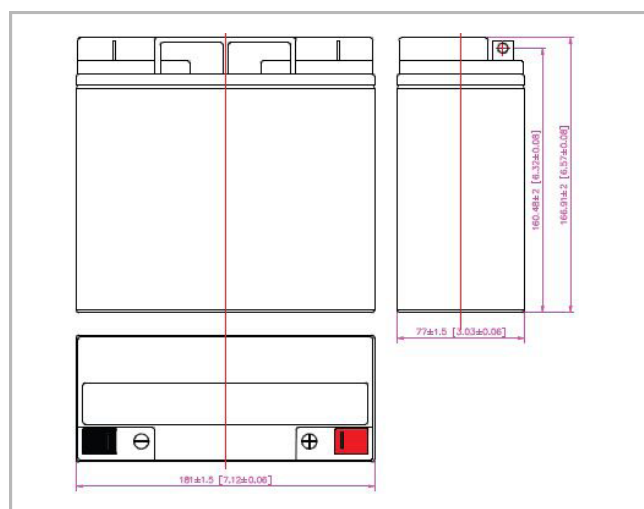
Specification

Nominal voltage		12V
Nominal capacity		20,0 Ah
Dimensions	Length	181 mm
	Width	77 mm
	Height	167 mm
	Total Height	167 mm
Weight		6,0 kg

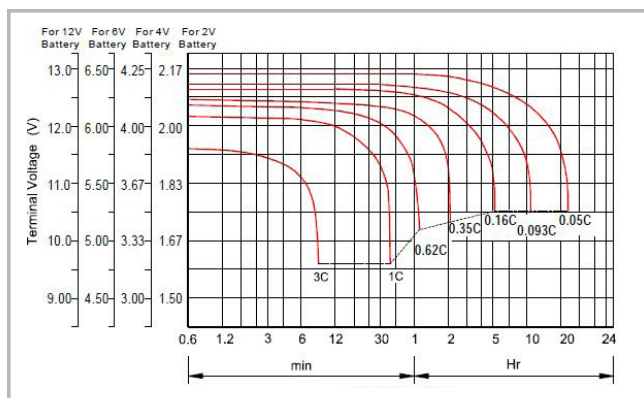
Characteristics

Capacity for 25°C and a cut-off voltage of 10.5V	20h	20,0 Ah
	10h	16,7 Ah
	5h	14,8 Ah
Internal resistance	Charge battery	15,0 mΩ
Capacity	for 20°C	100%
	for 0°C	85%
	for -15°C	65%
Self-discharge	3 months	91%
	6 months	82%
	12 months	64%
Terminal	Top screw M5 (T13)	
Charging	Buffer	13,50-13,80V
	Cyclical	14,40-15,00V
Max. charging current	6,0 A	
Max. discharge current	230 A (5 sec.)	
Working temperatures:		
Discharge: -20°C ÷ 50°C		
Charging: -20°C ÷ 50°C		
Storage: -20°C ÷ 50°C		

Dimensions



Discharge characteristics at temp. 25 °C



Terminal

