



# MWL 80-12h 12V 80Ah

## 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

Batteries MW Power type MWL are designed for use mainly in emergency power systems e.g. UPS, emergency lighting, automation systems. The batteries can also be used in applications, where they operate cyclically. For discharges of 50% can reach 500 cycles. MWL has a wider operating temperature range, which makes them more suitable for the systems in harsh conditions.

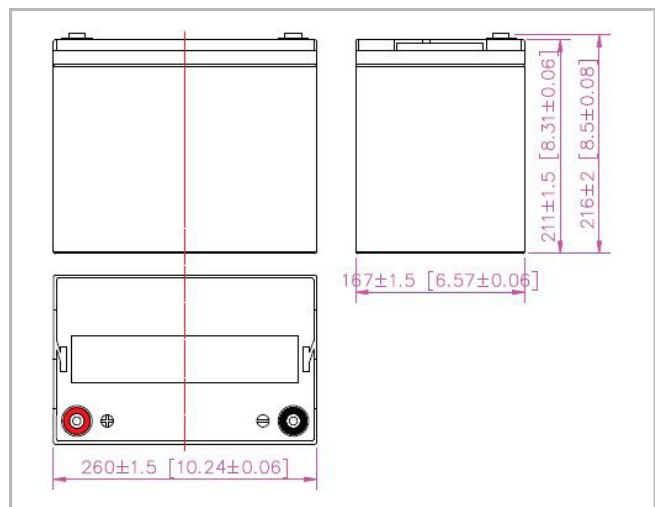
Designed service life 10-12 years to range of 20-25 °C.



## Specification

Nominal voltage	12V	
Nominal capacity	80,0 Ah	
Dimensions	Length	260 mm
	Width	168 mm
	Height	211 mm
	Total height	216 mm
Weight	24,5 kg	

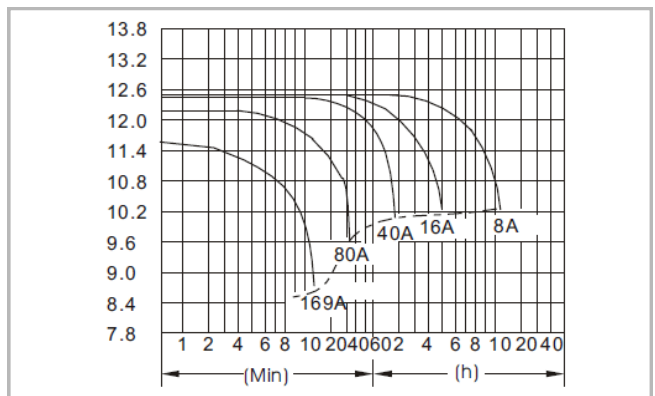
## Dimensions



## Characteristic

Capacity for 25 °C and cut-off voltage 10.5 V	20h	82 Ah
	10h	80 Ah
	5h	67 Ah
Internal resistance	charged battery	5,0 mΩ
Capacity	for 20°C	100%
	for 0°C	85%
	for -15°C	65%
Self-discharge	3 m-ths	91%
	6 m-ths	82%
	12 m-ths	64%
Terminal	Insert M6 (T16)	
Charging	Standby use	13,50-13,80V
	Cyclic use	14,40-15,00V
Max. charge current	28,0 A	
Max. discharge current	800 A (5 sec.)	
Temperatures of work:		
Discharging: -20°C ÷ 50°C		
Charging: -20°C ÷ 50°C		
Storage: -20°C ÷ 50°C		

## Input-discharge at 25 °C



## Terminal

