



# MWL 100-12h

## 12V 100Ah

### Compliance with standards

EN 60896-21:2007  
EN 60896-22:2007  
EN 61056-1:2008  
EN 61056-2:2003(U)  
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 400 cycles.

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



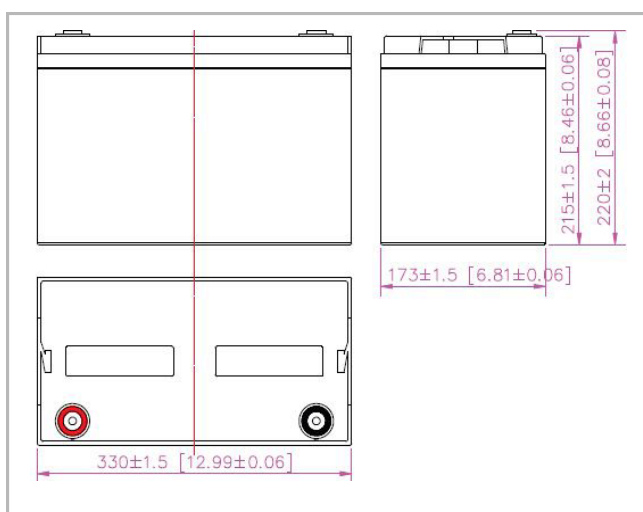
### Specification

Nominal voltage		12V
Capacity		100 Ah
Dimensions	Length	330 mm
	Width	173 mm
	Height	215 mm
	Total height	220 mm
Weight		32,0 kg

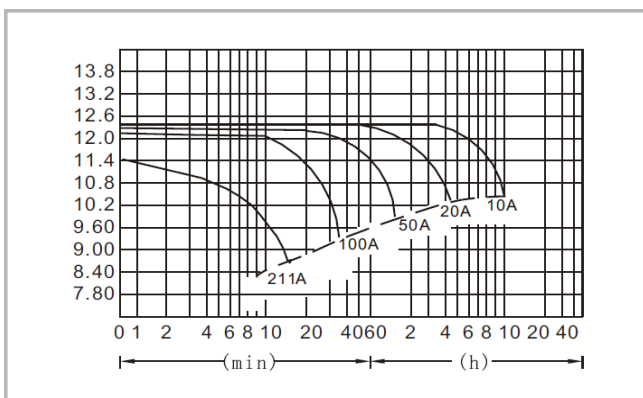
### Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	100 Ah
	10h	98 Ah
	5h	80 Ah
Internal resistance	charged battery	4,5 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 M8 (T60)	
Charging	Stanby use	13,50-13,80V
	Cyclic use	14,40-15,00V
Max. charge current	32,0 A	
Max. discharge current	950 A (5 sec.)	
Temperatures of work:		
Discharging: -20°C ÷ 50°C		
Charging: -20°C ÷ 50°C		
Storage: -20°C ÷ 50°C		

### Dimensions



### Input-discharge at 25 ° C



### Terminal

