



## MWL 24-12 12V 24Ah

### 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 batteries of the MWL series 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 cycled. For depth of discharge up to 50% they have about 400 cycles.

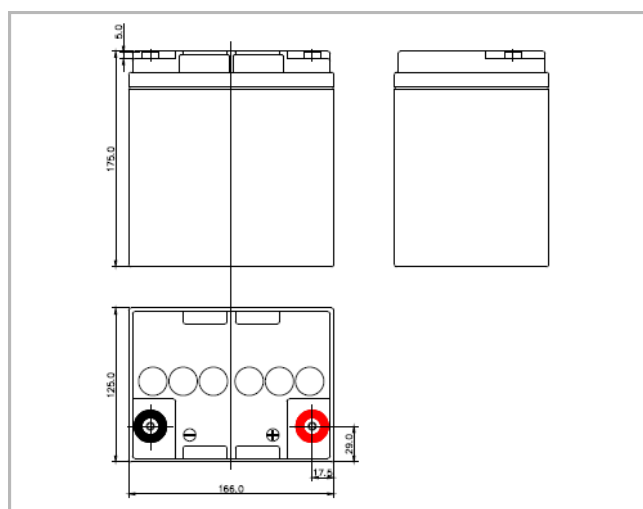
The design life is 10-12 years for 20-25 °C.



### Specification

Nominal voltage		12V
Nominal capacity		24,0 Ah
Dimensions	Length	165 mm
	Width	125 mm
	Height	175 mm
	Total Height	175 mm
Weight		8,0 kg

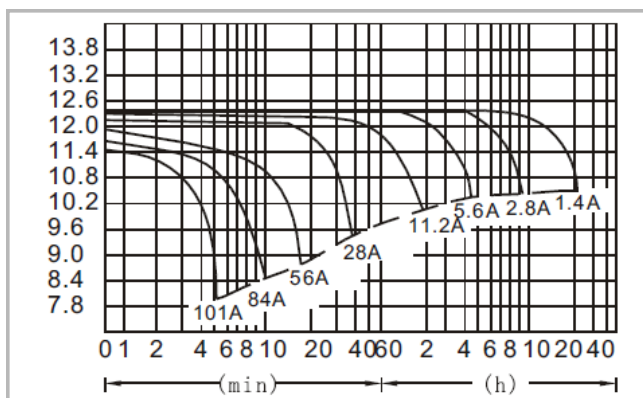
### Dimensions



### Characteristics

Capacity for 25°C and a cut-off voltage of 10.5V	20h	24,0 Ah
	10h	23,3 Ah
	5h	21,4 Ah
Internal resistance	Charge battery	13,5 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	Screw M5 (T66)	
Charging	Buffer	13,50-13,80V
	Cyclical	14,40-15,00V
Max. charging current	7,8 A	
Max. discharge current	270 A (5 sec.)	
Working temperatures: Discharge: -20°C ÷ 50°C Charging: -20°C ÷ 50°C Storage: -20°C ÷ 50°C		

### Discharge characteristics at temp. 25 °C



### Terminal

