



## MWL 45-12

### 12V 45Ah

#### 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 400 cycles.

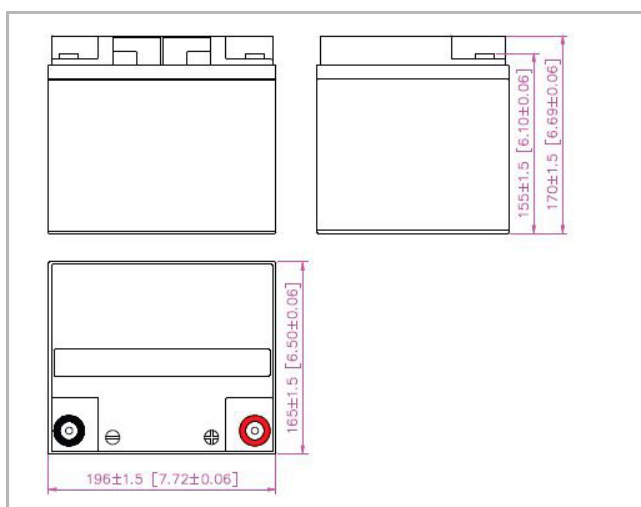
Designed service life 10-12 years to range of 20-25 °C.



#### Specification

Nominal voltage		12V
Nominal capacity		45,0 Ah
Dimensions	Lenght	196 mm
	Width	165 mm
	Height	155 mm
	Total height	170 mm
Weight		14,0 kg

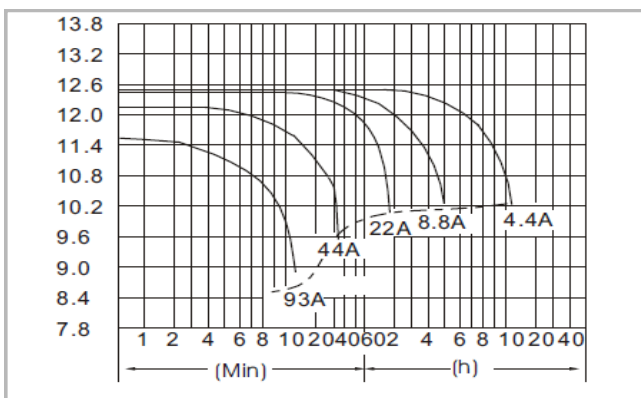
#### Dimensions



#### Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	45,0 Ah
	10h	44,0 Ah
	5h	35,0 Ah
Internal resistance	charged battery	8,5 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 M6 (T16)	
Charging	Standby use	13,50-13,80V
	Cyclic use	14,40-15,00V
Max. charge current	15,0 A	
Max. discharge current	450 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

