



MWL 33-12

12V 33Ah

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.

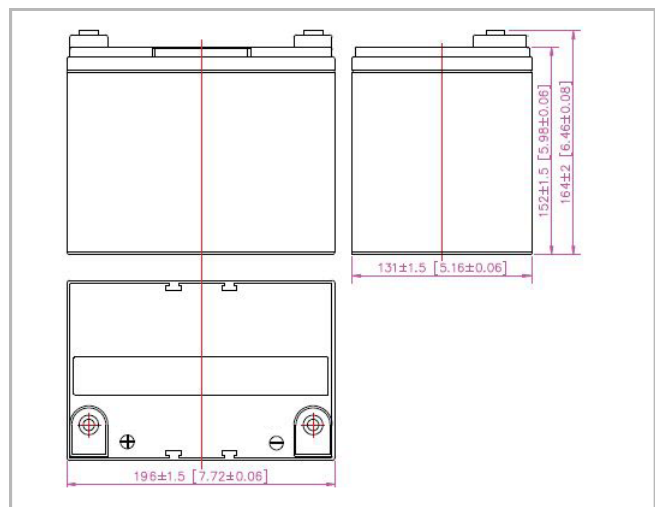
Designed service life 10-12 years to range of 20-25 °C.



Specification

Nominal voltage	12V	
Nominal capacity	33,0 Ah	
Dimensions	Lenght	196 mm
	Width	131 mm
	Height	152 mm
	Total height	168 mm
Weight	10,8kg	

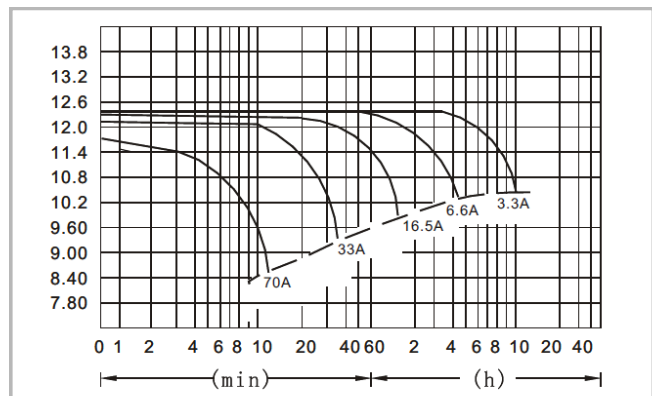
Dimensions



Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	33,0 Ah
	10h	30,6 Ah
	5h	26,5 Ah
Internal resistance	charged battery	9,2 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	10,2 A	
Max. discharge current	330 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

