



MWL 55-12

12V 55Ah

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.

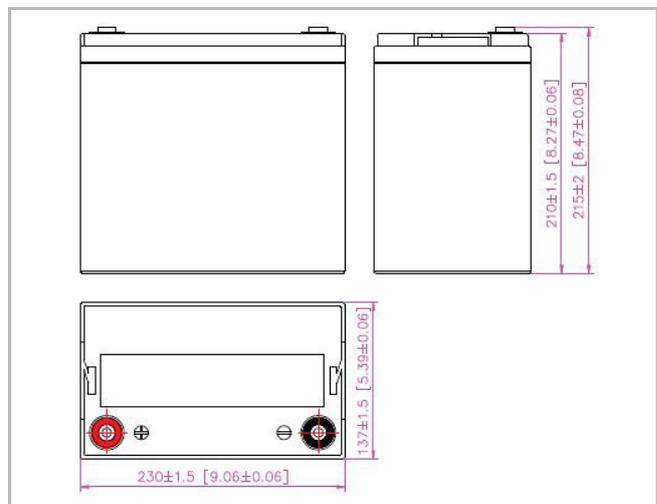
Designed service life 10-12 years to range of 20-25 °C.



Specification

Nominal voltage	12V	
Nominal capacity	55,0 Ah	
Dimensions	Lenght	230 mm
	Width	137 mm
	Height	210 mm
	Total height	215 mm
Weight	17,2kg	

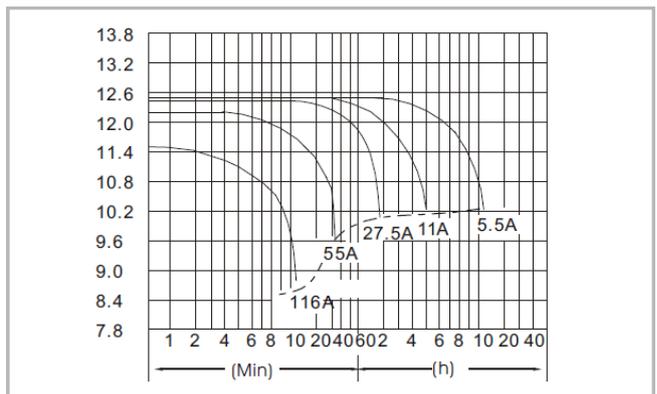
Dimensions



Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	55,0 Ah	
	10h	53,4 Ah	
	5h	44,0 Ah	
Internal resistance	charged battery	6 mΩ	
	for 20°C	100%	
	for 0°C	85%	
Capacity	for -15°C	65%	
	3 m-ths	91%	
	6 m-ths	82%	
Self-discharge	12 m-ths	64%	
	Terminal	Insert M6 (T16)	
Charging	Standby use	13,50-13,80V	
	Cyclic use	14,40-15,00V	
Max. charge current	20,0 A		
Max. discharge current	550 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

