



MWL 80-12

12V 80Ah

Compliance with standards

PN-EN 60896-21:2007
 PN-EN 60896-22:2007
 PN-EN 61056-1:2008
 PN-EN 61056-2:2003(U)

MW Power batteries of the MWL series are mainly dedicated to use in emergency power systems, e.g. UPS, emergency lighting, automation systems. The rechargeable batteries can also be used in applications where the batteries operate cyclically. For a discharge depth of up to 50%, they have about 400 work cycles.

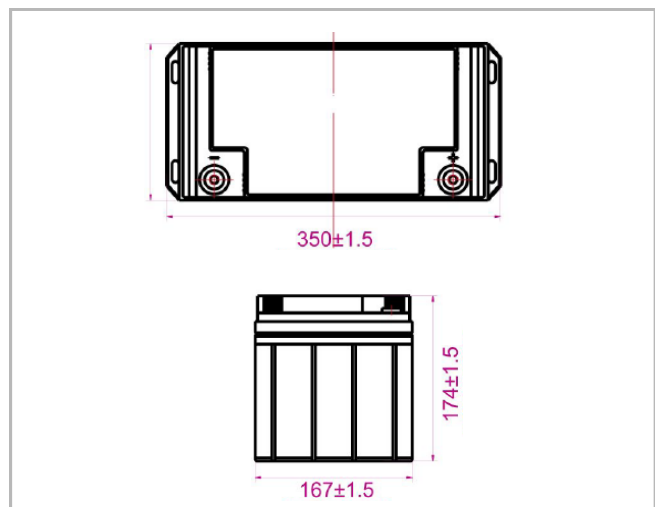
The design life is 10-12 years for 20-25 °C.



Specification

Nominal voltage	12V	
Nominal capacity	80Ah	
Dimensions	Length	350 mm
	Width	167 mm
	Height	174mm
	Total height	174mm
Weight	23,0 kg	

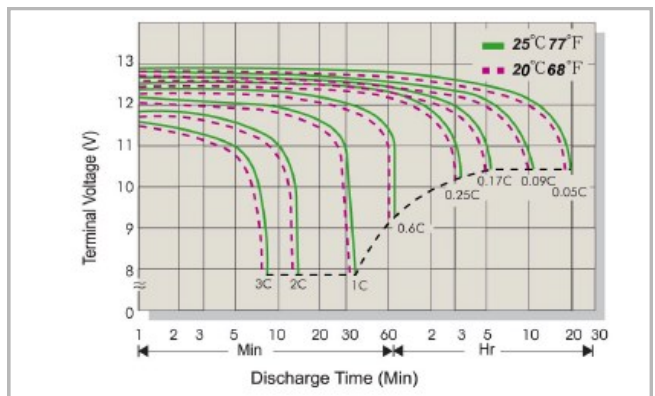
Dimensions



Characteristic

Capacity for 25°C and cut-off voltage of 10.8V	20h	82 Ah
	10h	80 Ah
	5h	75 Ah
Internal resistance	battery charged	5,5 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 / housing	Screw M6 / ABS (UL94HB)	
Charging	Buffer	13,50-13,80V
	Cyclical	14,40-15,00V
Max. charging current	24A	
Max. discharge current	800A	
Working temperature: Discharge: -20°C ÷ 50°C Charging: -20°C ÷ 50°C Storage: -20°C ÷ 50°C		

The discharge characteristic at the temp. of 25 °C



Terminal

