



MWS 12-6

6V 12Ah

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

The MW Power battery range is designed for use in both emergency power supply systems and other applications where the battery is cycled. Preferred applications of batteries of this series are: backup power supply in automation systems, cash registers, energy source in portable devices, power supply for motors and other devices in cyclic operation. For 50% discharges up to 500 cycles.

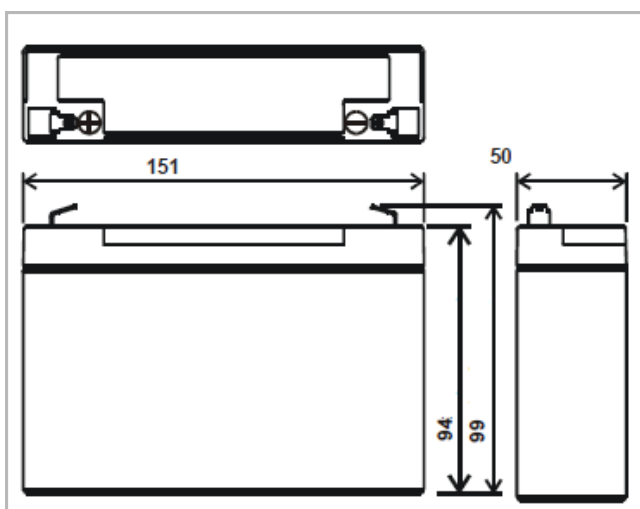
The design life is 6-9 years for 20-25 °C



Specification

Nominal voltage	6 V	
Nominal capacity	12 Ah	
Dimensions	Length	151 mm
	Width	50 mm
	Height	94 mm
	Total Height	99 mm
Weight	1,55 kg	

Dimensions

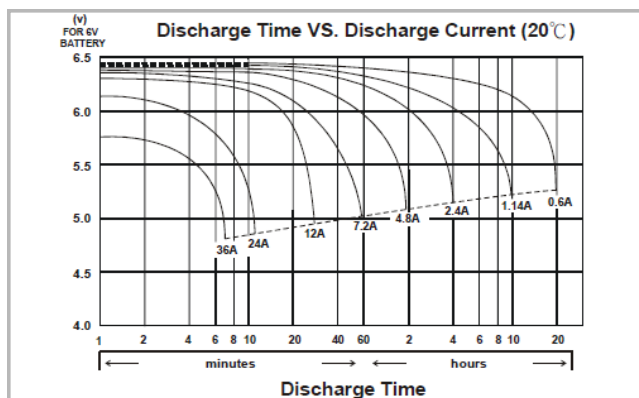


Characteristics

Capacity for 25oC and a cut-off voltage of 10.5V	20h	12,0 Ah
	10h	11,4 Ah
	5h	10,2 Ah
Internal resistance	battery charged	14 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	Fast-on 187(T1) / Fast-on 250 (T2)	
Charging	Buffer	6,75-6,90V
	Cyclical	7,20-7,50V
Max. charging current	4,0 A	
Max. discharges current	135 A	

Operating temperatures:
 Discharge: -20°C ÷ 50°C
 Charging: -20°C ÷ 50°C
 Storage: -20°C ÷ 50°C

Discharge characteristics at temperature 25 °C



Terminal

