



MW 18-12/MW 18-12F

12V 18Ah

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 **MW** are designed for use both in emergency power systems and other applications where the battery operates cyclically. Preferred use of batteries are: UPS backup power supply, automation systems and as a source of energy in portable devices, power engines and other equipment in a cyclic mode. For discharges of 50% can reach 500 cycles.

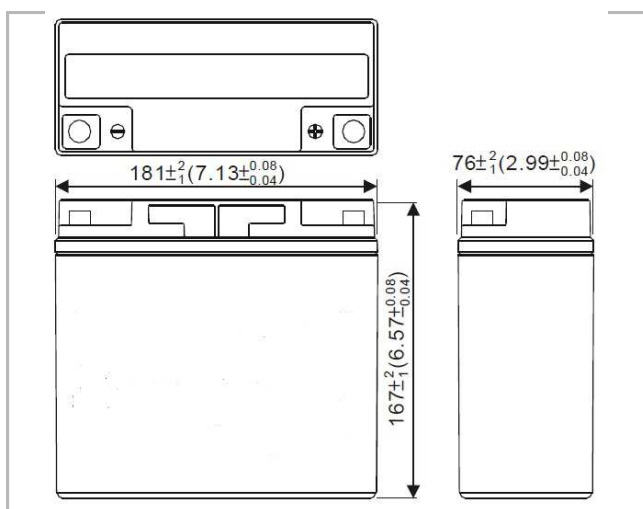
Designed standby service life 10 year to range of 20-25 °C.



Specification

Nominal voltage		12V
Nominal capacity		18,0 Ah
Dimensions	Lenght	181 mm
	Width	76 mm
	Height	167 mm
	Total height	167 mm
Weight		5,8 kg

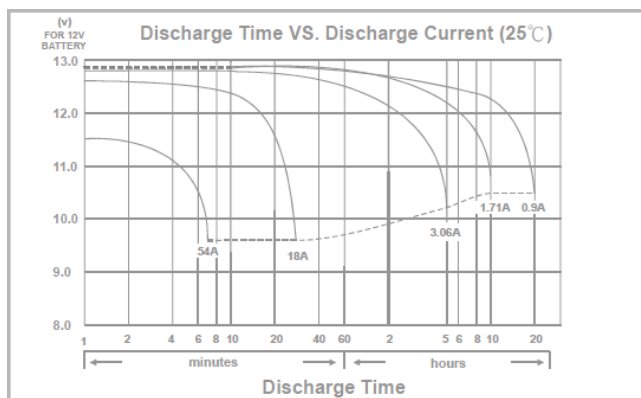
Dimensions



Characteristic

Capacity for 25 °C and cut-off voltage 10.5 V	20h	18,0 Ah
	10h	17,1 Ah
	5h	15,3 Ah
Internal resistance (at 1KHz)	Approx.	10,5 mΩ
Capacity	for 20°C	100%
	for 0°C	85%
	for -15°C	65%
Self-discharge	3 m-ths	90%
	6 m-ths	80%
	12 m-ths	65%
Terminal	Insert M5(T13)	
	Bolt and nut M5(F3) – version F	
Charging	Standby use	13,50-13,80V
	Cyclic use	14,40-15,00V
Max. charge current	5,5 A	
Max. discharge current	270 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

