



# MWS 2,3-12

## 12V 2,3 Ah

### 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 series MWS are designed mainly for use in control panels charging systems . Thanks to profitable quality / price relation , the batte - ries MW -S gained recognition of many clients . The batteries of this type can also be used as a source of charging in portable devices.

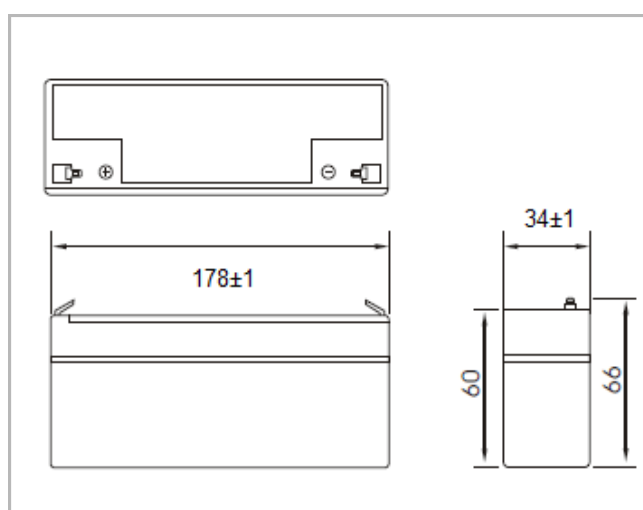
Service life is 3-5 years for 20-25 °C.



### Specification

Nominal voltage		12 V
Nominal capacity		2,3 Ah
Dimen- sions	Lenght	179 mm
	Width	35 mm
	Height	60 mm
	Total he- ight	66 mm
Weight		1,00 kg

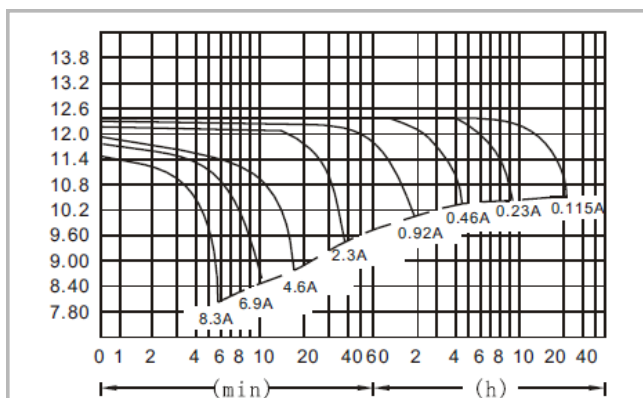
### Dimensions



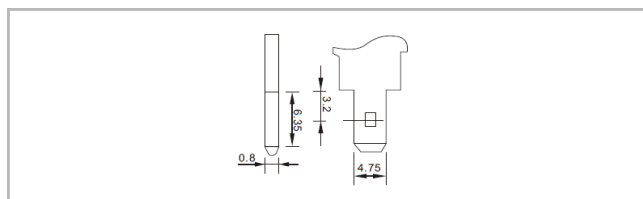
### Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	2,3 Ah
	10h	2,1 Ah
	5h	1,85 Ah
Internal resistance	charged battery	42 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	Fast-on 187 (T1)	
Charging	Standby use	13,50- 13,80V
	Cyclic use	14,40- 15,00V
Max. charge current	0,70 A	
Max. discharge current	25 A (5 sec.)	

### Input-discharge at 25 ° C



### Terminal



Temperatures of work:  
Discharging: -20°C ÷ 50°C  
Charging: -20°C ÷ 50°C  
Storage: -20°C ÷ 50°C