



## MWL 120-12h 12V 120Ah

### 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.

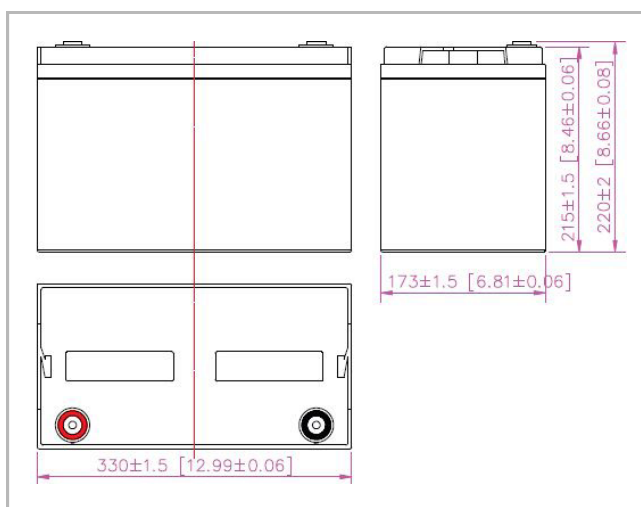
Designed service life 10-12 years to range of 20-25 °C.



### Specification

|                  |              |          |
|------------------|--------------|----------|
| Nominal voltage  |              | 12V      |
| Nominal capacity |              | 120,0 Ah |
| Dimensions       | Lenght       | 330 mm   |
|                  | Width        | 173 mm   |
|                  | Heght        | 215 mm   |
|                  | Total height | 220 mm   |
| Weight           |              | 34,0 kg  |

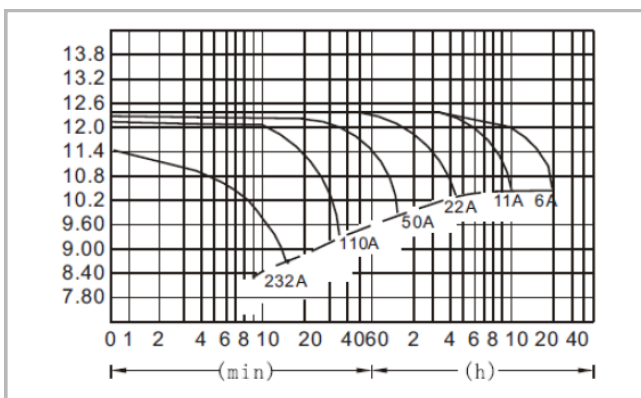
### Dimensions



### Characteristic

|                                                                                                       |                 |              |
|-------------------------------------------------------------------------------------------------------|-----------------|--------------|
| Capacity for 25 ° C<br>and cut-off voltage<br>10.5 V                                                  | 20h             | 120 Ah       |
|                                                                                                       | 10h             | 110 Ah       |
|                                                                                                       | 5h              | 86 Ah        |
| Internal resistance                                                                                   | charged battery | 4,5 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                                                                                              | Bolt M8 (T60)   |              |
| Charging                                                                                              | Standby use     | 13,50-13,80V |
|                                                                                                       | Cyclic use      | 14,40-15,00V |
| Max. charge current                                                                                   | 35,0 A          |              |
| Max. discharge<br>current                                                                             | 1000 A (5 sec.) |              |
| Temperatures of work:<br>Discharging: -20°C ÷ 50°C<br>Charging: -20°C ÷ 50°C<br>Storage: -20°C ÷ 50°C |                 |              |

### Input-discharge at 25 ° C



### Terminal

