

# GLP 26-12

## 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 **GLOBAL LEADER POWER** VRLA AGM battery series are designed to work in emergency power supply or other cyclic applications. The preferred uses for these are automation systems, mobile power source, engine power sources etc. For 50% deep cycle, up to 400 charge-discharge cycles can be achieved.

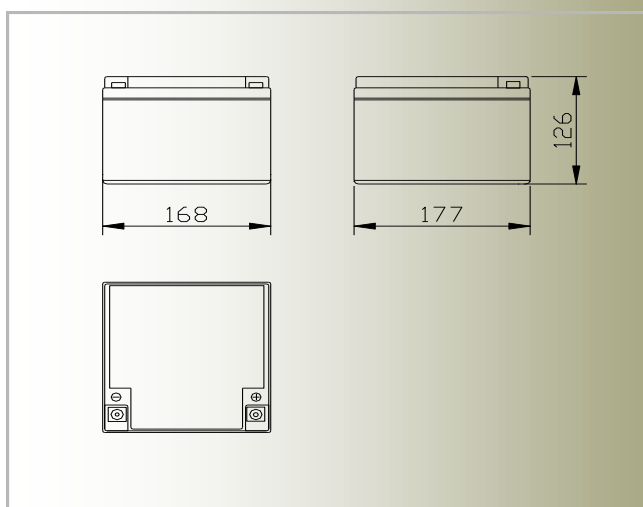
Designed lifetime is 8~10 years in 20-25°C working conditions (according to EUROBAT).



## Specification

|                                              |                     |
|----------------------------------------------|---------------------|
| Nominal voltage                              | 12V                 |
| Nominal capacity                             | 26.0 Ah             |
| Dimensions                                   | Length 168 mm       |
| Case material ABS/(UL94-HB) UL94-V0 optional | Width 177 mm        |
|                                              | Height 126 mm       |
|                                              | Total height 126 mm |
| Weight                                       | 7.30 kg             |

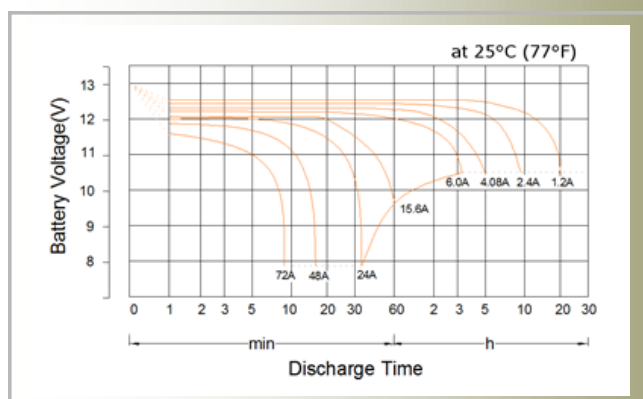
## Dimensions



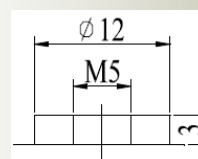
## Characteristic

|                                            |                |              |
|--------------------------------------------|----------------|--------------|
| Capacity at 25°C and 10.0V cut off voltage | 20h            | 26.0 Ah      |
|                                            | 5h             | 22.1 Ah      |
|                                            | 1h             | 16.9 Ah      |
| Internal resistance                        | Fully charged  | 13.0 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                                   | M5             |              |
| Charging                                   | Buffer         | 13.50-13.80V |
|                                            | Cyclical       | 14.40-15.00V |
| Max. charging current                      | 7.2 A          |              |
| Max. discharge current                     | 230 A (5 sec.) |              |
| Working temperature:                       |                |              |
| Discharging:                               | -20°C ÷ 50°C   |              |
| Charging:                                  | -10°C ÷ 50°C   |              |
| Storing:                                   | -20°C ÷ 50°C   |              |

## Discharge characteristic at 25 °C



## Terminal



International  
Organization for  
Standardization



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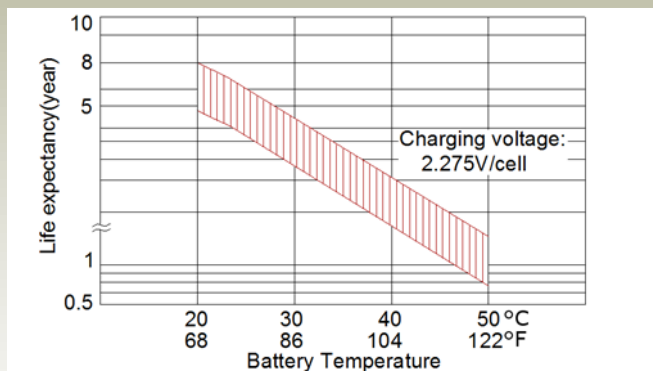
## 12V 26Ah

### Zgodność z normami

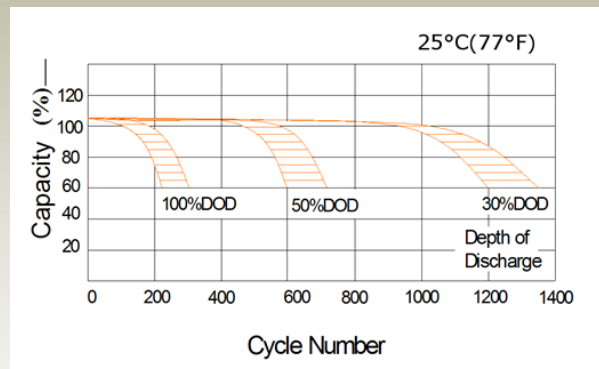
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 PN-EN 61056-2:2003(U)  
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#### Battery life for buffer work



#### Battery life for cyclic work



#### Constant current discharge characteristics (A, 25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h   | 2h   | 3h   | 5h   | 8h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.60V    | 84.0 | 67.2  | 48.0  | 27.6  | 19.7  | 15.6 | 8.40 | 6.07 | 4.13 | 2.71 | 2.26 | 1.22 |
| 9.90V    | 81.6 | 64.8  | 45.6  | 27.1  | 19.4  | 15.5 | 8.33 | 6.05 | 4.10 | 2.71 | 2.26 | 1.22 |
| 10.20V   | 76.8 | 60.0  | 43.2  | 26.4  | 19.2  | 15.4 | 8.28 | 6.00 | 4.08 | 2.69 | 2.23 | 1.20 |
| 10.50V   | 67.2 | 50.4  | 40.8  | 25.0  | 19.0  | 15.1 | 8.16 | 5.93 | 4.08 | 2.66 | 2.23 | 1.20 |
| 10.80V   | 60.0 | 43.2  | 38.4  | 21.6  | 18.7  | 14.9 | 7.92 | 5.76 | 4.03 | 2.66 | 2.18 | 1.18 |

#### Constant power discharge characteristics (Watt, 25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h  | 2h   | 3h   | 5h   | 8h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|-----|------|------|------|------|------|------|
| 9.60V    | 917  | 736   | 530   | 321   | 224   | 180 | 96.6 | 70.2 | 47.8 | 31.6 | 26.3 | 14.4 |
| 9.90V    | 880  | 706   | 501   | 310   | 222   | 177 | 96.0 | 69.6 | 47.5 | 31.4 | 26.2 | 14.4 |
| 10.20V   | 838  | 664   | 478   | 295   | 219   | 177 | 95.4 | 69.6 | 47.2 | 31.4 | 26.2 | 14.3 |
| 10.50V   | 734  | 560   | 451   | 278   | 216   | 174 | 94.2 | 68.4 | 47.2 | 31.0 | 25.9 | 14.0 |
| 10.80V   | 655  | 504   | 425   | 241   | 213   | 172 | 91.2 | 66.6 | 46.8 | 31.0 | 25.5 | 13.7 |