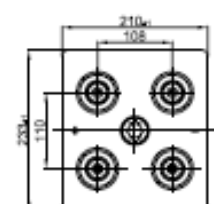
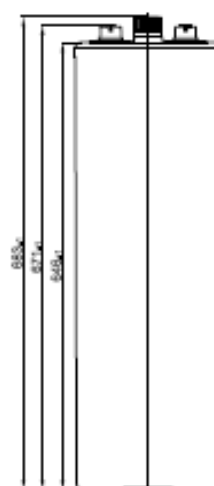


# 10 OPzS 1000

## Technical Characteristics

|                         |       |                    |
|-------------------------|-------|--------------------|
| Nominal Voltage         | 2.00  | Volt/cell          |
| Capacity                | 1000  | Ah/Cell            |
| Density of electrolyte  | 1.24  | gr/cm <sup>3</sup> |
| Floating charge voltage | 2.23  | Volt/Cell          |
| Max. Charge voltage     | 2.60  | Volt/Cell          |
| Internal Resistance     | 0.29  | mohm/Cell          |
| Short circuit current   | 7500  | A                  |
| Length                  | 233   | mm                 |
| Width                   | 210   | mm                 |
| Height                  | 671   | mm                 |
| Weight (Full charged)   | 79    | Kg                 |
| Weight (Dry charged)    | 58    | Kg                 |
| Expected lifetime       | 15-20 | years              |



# 10 OPzS 1000

**DISCHARGE TABLE ( IN TERMS OF POWER)**  
 (CONSTANT DISCHARGE POWER - Watts / Cell)

**Vf : 1,80 Volt/Cell**

| 15 min. | 1h   | 3h   | 4h   | 5h   | 8h   | 10h  |
|---------|------|------|------|------|------|------|
| Watt    | Watt | Watt | Watt | Watt | Watt | Watt |
| 1112    | 810  | 488  | 409  | 348  | 249  | 211  |

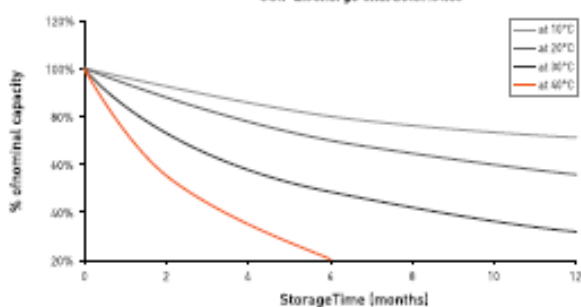
**DISCHARGE TABLE ( IN TERMS OF CURRENT)**  
 (CONSTANT DISCHARGE CURRENT - Amperes)

**Vf : 1,80 Volt/Cell**

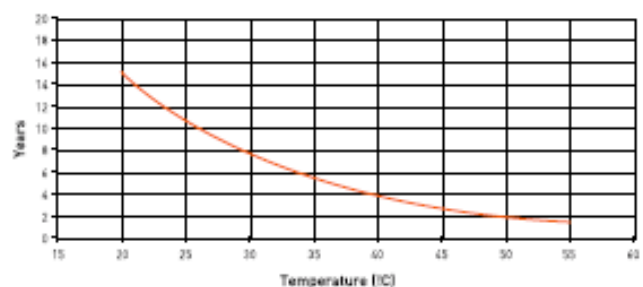
| 15 min. | 1h  | 3h  | 4h  | 5h  | 8h  | 10h |
|---------|-----|-----|-----|-----|-----|-----|
| A       | A   | A   | A   | A   | A   | A   |
| 610     | 430 | 240 | 200 | 170 | 122 | 100 |

## Diagrams

**Self-discharge characteristics**



**Service Life vs Temperature**



**Expected Cycle-Life vs DoD**

