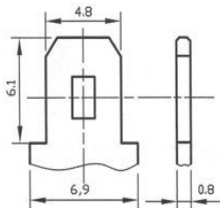
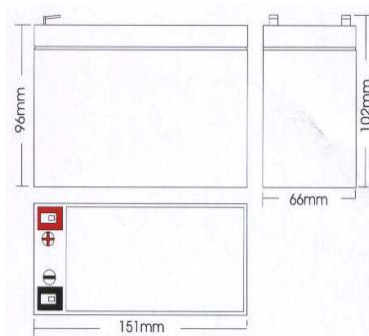


## DD 12065 - 12V 6,5Ah - C20



### Features

- Special grid alloy and plate design
- Long service life
- High charging performance
- High gas recombination technology
- Low-self discharge characteristic
- Wide operating temperature range



F1 Terminal

### Application

- Measuring instrument
- Medical equipments
- Telephone sets
- Lighting equipment
- Security & alarm systems
- UPS power supply
- Power station and telecom station



ISO9001  
ISO14000



CGZ3100705-02429-E

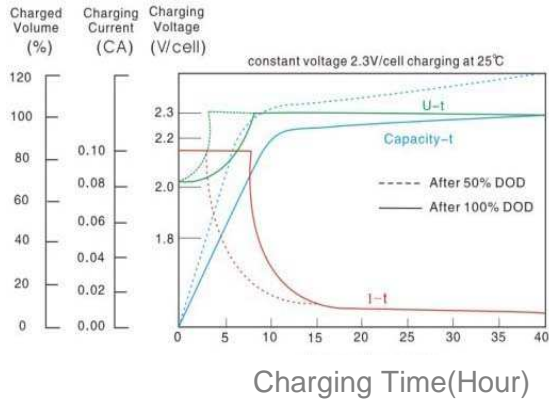
### Specification

|                                            |                                                                                                                                                                        |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cell per unit                              | 6                                                                                                                                                                      |
| Normal Voltage                             | 12V                                                                                                                                                                    |
| Normal Capacity                            | 6,5 Ah                                                                                                                                                                 |
| Weight                                     | Approx. 1,90 Kg (4,190 lbs)                                                                                                                                            |
| Internal Resistance                        | Approx. 29,12 mΩ                                                                                                                                                       |
| Normal Operating Temperature Range         | 25°C                                                                                                                                                                   |
| Recommended Maximum Charging Current Limit | 1,625 A                                                                                                                                                                |
| Float Charging Voltage                     | 13,6 to 13,8VDC/unit Average at 25°C (77°F)                                                                                                                            |
| Equalization and Cycle Service             | 14,1 to 14,4VDC/unit Average at 25°C (77°F)                                                                                                                            |
| Self Discharge                             | Reddot Batteries can be stored for more than 6 months at (25°C/77°F). Please charge batteries before using. For higher temperatures the time interval will be shorter. |
| Terminal                                   | F1                                                                                                                                                                     |

## Characteristics

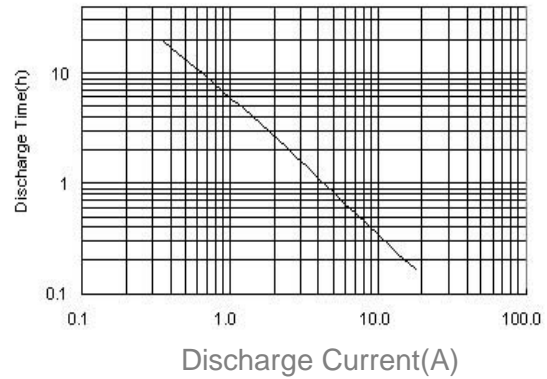
|                |                      |         |
|----------------|----------------------|---------|
| Rated Capacity | 20 hour rate(0,325A) | 6,5AH   |
|                | 10 hour rate(0,65A)  | 6,2AH   |
|                | 5 hour rate(1,04A)   | 5,2AH   |
|                | 27 min rate(6,5A)    | 2,925AH |
|                | 7 min rate(19,5A)    | 2,275AH |

### Charging Characteristics(25°C/77°F)

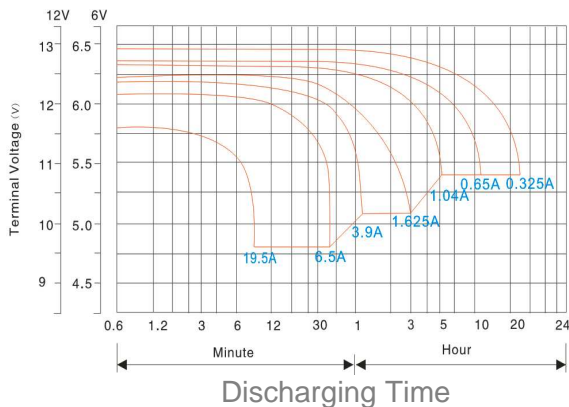


### The Relation between Discharging

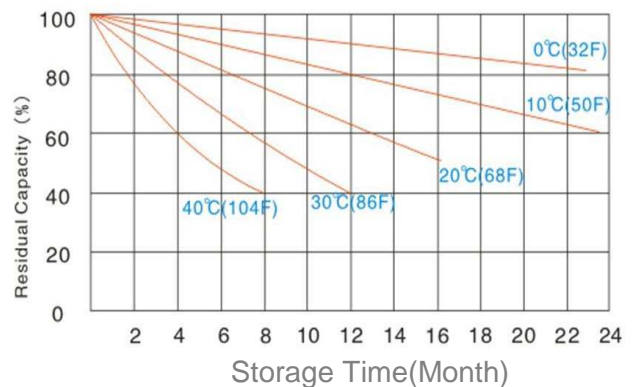
### Current and Discharging time(25°C/77°F)



### Discharging Characteristic(25°C/77°F)



### Self-Discharging Characteristic(25°C/77°F)



### Constant Current Discharge Characteristics (Amperes at 25°C)

| Cut-off Voltage/cell | 5min | 10min | 20min | 45min | 1Hr  | 2Hr  | 4Hr  | 8Hr   | 10Hr  | 20Hr  |
|----------------------|------|-------|-------|-------|------|------|------|-------|-------|-------|
| 1,70                 | 24,0 | 15,7  | 8,74  | 4,54  | 3,90 | 2,31 | 1,32 | 0,752 | 0,615 | 0,331 |
| 1,75                 | 23,8 | 15,5  | 8,67  | 4,50  | 3,87 | 2,24 | 1,29 | 0,743 | 0,610 | 0,328 |
| 1,80                 | 23,6 | 15,3  | 8,58  | 4,45  | 3,85 | 2,13 | 1,26 | 0,733 | 0,603 | 0,325 |

### Constant Power Discharge Characteristics (Watts at 25°C)

| Cut-off Voltage/cell | 5min | 10min | 20min | 45min | 1Hr  | 2Hr  | 4Hr  | 8Hr  | 10Hr | 20Hr |
|----------------------|------|-------|-------|-------|------|------|------|------|------|------|
| 1,70                 | 289  | 188   | 105   | 54,9  | 46,8 | 27,7 | 15,8 | 9,02 | 7,32 | 3,94 |
| 1,75                 | 286  | 185   | 104   | 53,9  | 46,5 | 26,9 | 15,5 | 8,92 | 7,26 | 3,91 |
| 1,80                 | 283  | 184   | 103   | 53,4  | 46,1 | 15,7 | 15,1 | 8,81 | 7,18 | 3,87 |

All mentioned values are average values