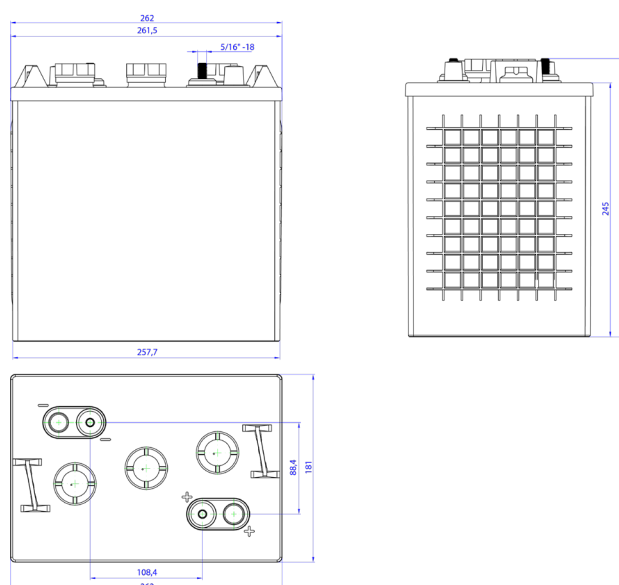


# TAB Motion BCI

B 225



## Physical Dimension



## Benefits

- Premium pasted plate construction
- High rate discharge capability
- Reliable and durable

## Application

- Golf carts
- Cleaning machines
- Aerial work platforms

## Standards

- EN 60254-1
- BCIS

## Specification

| Technology              |                                   |
|-------------------------|-----------------------------------|
| Battery Type            | Flooded                           |
| Plate Type (poz/neg)    | Cast/Cast                         |
| Grid Alloy (poz/neg)    | Sb/Sb                             |
| Separator               | Premium with antimony suppression |
| Dimensions (mm) - LxWxH | 262x181x245/268                   |
| Weight (kg)             | 28,7                              |
| Box Type                | GC2                               |
| Box/Cover/Plugs Colour  | Black/Blue/Red                    |
| Layout                  | 5                                 |
| Terminal                | DT                                |
| Plugs Type              | Bayonet / with spark arrestor     |

| Performance              |      |             |
|--------------------------|------|-------------|
| Voltage (V)              |      | 6           |
| Capacity (Ah)            | C3   | 173         |
|                          | C5   | 185         |
|                          | C10  | 207         |
|                          | C20  | 225         |
|                          | C100 | 250         |
| Capacity in minutes      | @25A | 450         |
|                          | @75A | 115         |
| Internal resistance (mΩ) |      | 2,5         |
| Self discharge/month     |      | ≈10% @RT    |
| Operating temperatures   |      | -20 to 45°C |
| Packaging (pcs) EU/CNT   |      | 36/54       |

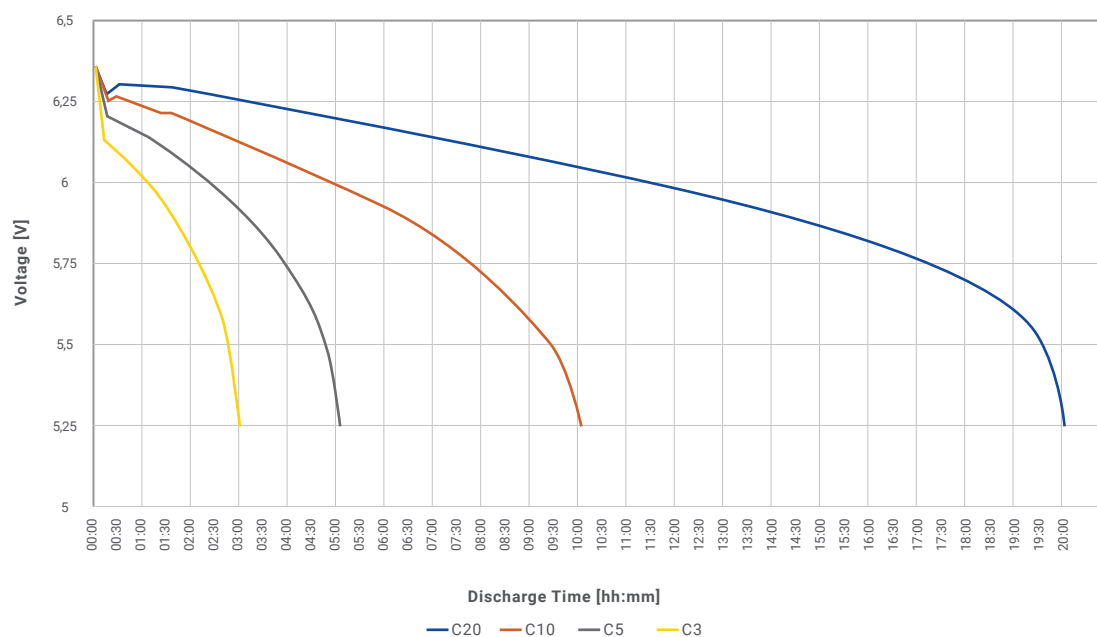
## Typical battery Cycle Life / Depth of Discharge

| 80% DoD Cycles | End-Cycle Voltage | 50% DoD Cycles | End-Cycle Voltage | 40% DoD Cycles | End-Cycle Voltage | 20% DoD Cycles | End-Cycle Voltage |
|----------------|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
| 650            | 1.85 VPC          | 1200           | 1.94 VPC          | 1500           | 1.97 VPC          | 3000           | 2.05 VPC          |

# TAB Motion BCI

B 225

## Discharge Voltage vs Discharge Time



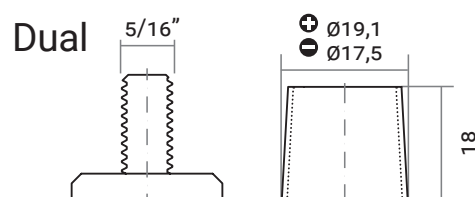
## Charging recommendation

For cycling use:

| Charging profile | IU1a      |        |
|------------------|-----------|--------|
| Bulk charge      | 2,45-2,50 | V/cell |
| Boost charge     | 2,65-2,75 | V/cell |
| Float charge     | 2,20-2,30 | V/Cell |

Voltages apply to room temperature @25°C. When the temperature is different, a voltage compensation of 5mV/°C/cell must be taken into account

## Terminals:



## Layout:

5

