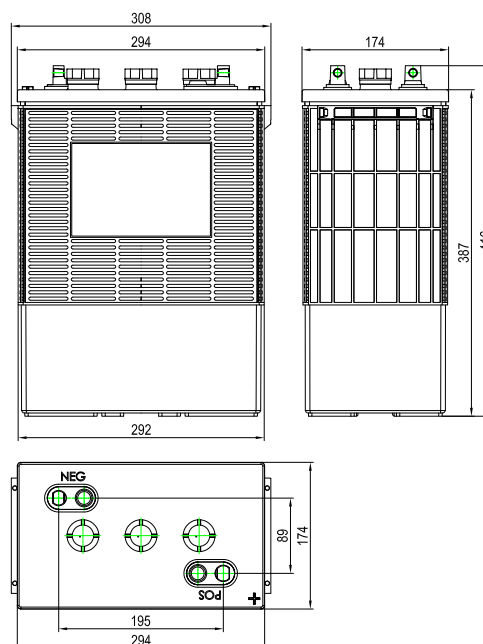


TAB Motion BCI

B 420



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
- IEC

Specification

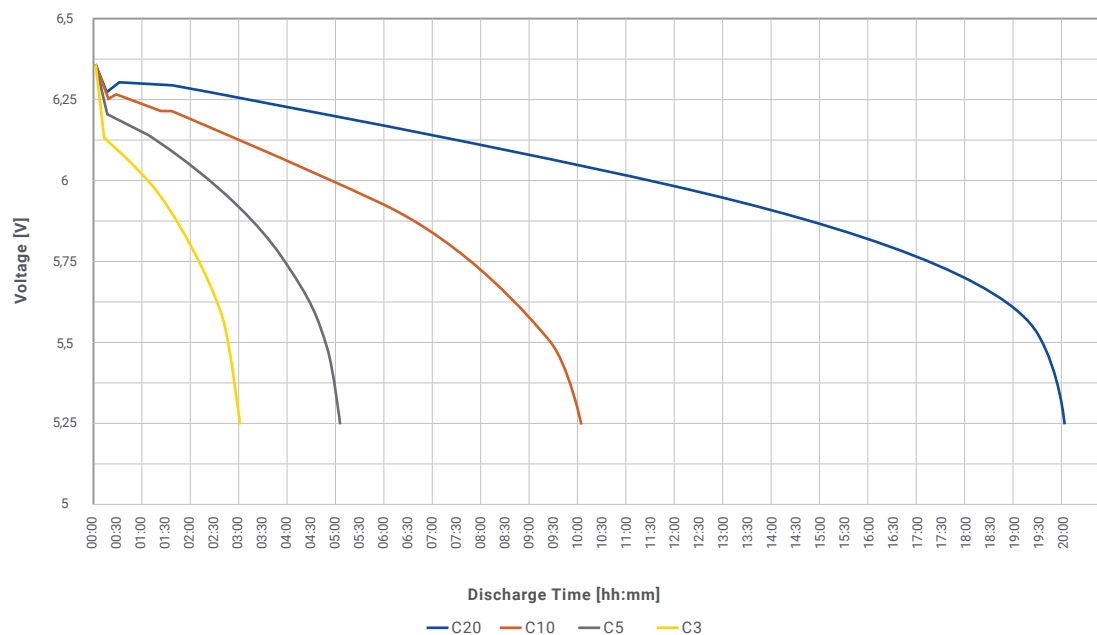
| Technology | |
|-------------------------|-----------------------------------|
| Battery Type | Flooded |
| Plate Type (poz/neg) | Cast/Cast |
| Grid Alloy (poz/neg) | Sb/Sb |
| Separator | Premium with antimony suppression |
| Dimensions (mm) - LxWxH | 308x174x387/416 |
| Weight (kg) | 51,0 |
| Box Type | 903 |
| Box/Cover/Plugs Colour | Black/Black/Red |
| Layout | Golf Cart 6V |
| Terminal | EUT |
| Plugs Type | Bayonet / with spark arrestor |

| Performance | | |
|--------------------------|------|-------------|
| Voltage (V) | | 6 |
| Capacity (Ah) | C3 | 323 |
| | C5 | 344 |
| | C10 | 386 |
| | C20 | 420 |
| | C100 | 467 |
| Internal resistance (mΩ) | | 2,4 mΩ |
| Self discharge/month | | ≈10% @RT |
| Operating temperatures | | -20 to 45°C |
| Packaging (pcs) EU/CNT | | 24/36 |

TAB Motion BCI

B 420

Discharge Voltage vs Discharge Time



Charging recommendation

For cycling use:

| Charging profile | IUIa | |
|------------------|-----------|--------|
| 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:



EUT (embedded universal terminal)

Layout:

6V

