

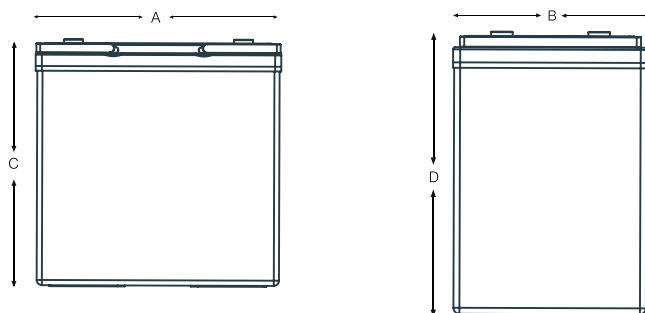


## Semi-Traction Bloc Batteries

# NM06180DTTGGC2

(6V 180Ah @ 5hr)

Nordmax valve regulated lead-acid batteries for the light traction market. With an innovative Gel-technology and maintenance free design, Nordmax Gel Bloc batteries are compatible with all universal cyclic applications.



## Electrical Specifications

|                                |                                        |
|--------------------------------|----------------------------------------|
| <b>Voltage</b>                 | 6V                                     |
| <b>80% DOD Voltage Cutoff</b>  | 5.6V                                   |
| <b>Self Discharge</b>          | Less than 3% per month (20°C/68°F)     |
| <b>Charge Temperature</b>      | Min: -10°C (14°F) / Max: 50°C (122°F)  |
| <b>Discharge Temperature**</b> | Min: -40°C (-40°F) / Max: 50°C (122°F) |
| <b>Storage</b>                 | Min: -20°C (-4°F) / Max: 60°C (140°F)  |

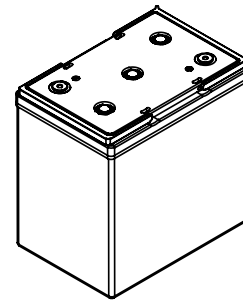
| Amp Hours (AH) |       |      |  |  |  |
|----------------|-------|------|--|--|--|
| 20 hr          | 10 hr | 5 hr |  |  |  |
| 206            | 194   | 180  |  |  |  |

\*\*CAUTION: Depths of discharge, operating voltages and currents, when designing systems for use at maximum temperatures, will vary.

## Mechanical Specifications

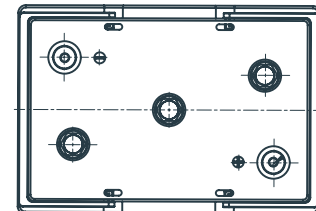
| Industry Reference        | GC2      |        |
|---------------------------|----------|--------|
| <b>Length (A)</b>         | 10.2 in  | 260 mm |
| <b>Width (B)</b>          | 7.1 in   | 180 mm |
| <b>Height (C)</b>         | 10.1 in  | 258 mm |
| <b>Weight</b>             | 72.8 lbs | 33 kgs |
| <b>Terminal (Opt'l)</b>   | M8       |        |
| <b>Cell(s)</b>            | 3        |        |
| <b>Electrolyte</b>        | GEL      |        |
| <b>Terminal Torque Nm</b> | 8        |        |

NOTE: There is a tolerance of +/-2%.



Left-Negative

Right-Positive



## Features

Maintenance-free bloc batteries in Gel technology (no topping up during lifetime)

Good high current performance for extreme operating conditions

High-class patented safety valve

700 cycles (DIN EN 60254-1) (IEC 254-1)

Capacity: 6V 133Ah - 210 Ah

Valve-regulated lead-acid battery

Recyclable

Long cycle life

Low self discharge rate allows for up to 2 years shelf life

Classified as a non-spillable battery is not restricted for transportation by:

- Air (IATA/ICAO provision 67)
- Ground (STB, DOT-CFR-HMR49)
- Water (IMDG amendment 27)

## Applications

Electric vehicles

Wheelchairs

Cleaning machines

Electric working platforms

Universal for multiple cyclic applications

**Compliant with**

EN60254-1&2 & IEC254-1/2  
ISO 7176-25 SAE J 1495

