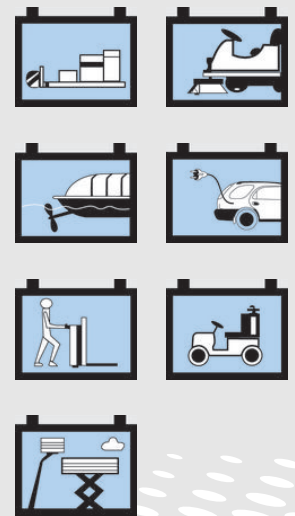


# Motive Power block batteries

## VRLA dryfit

### GF-V range (dryfit traction block)



#### Main technical features and benefits

- Maintenance-free (no topping up) motive power batteries in gel technology for high operating voltage
- Robust, safe and reliable
- Low self discharge
- Product range  
6 V and 12 V block batteries  
50 Ah up to 240 Ah (C<sub>5</sub>)  
55 Ah up to 270 Ah (C<sub>20</sub>)
- 700 cycles according to EN 60 254-1 / IEC 254-1 with 75 % DOD

#### Applications

The GF-V range of blocks are suitable for hard industrial use. This includes applications for advanced guided vehicles, mobile elevating work platforms, cleaning machines, walk-behind pallet trucks, electric cars and

buses. With Exide Technologies as your partner for system solutions we can also offer optimized chargers for these blocks.

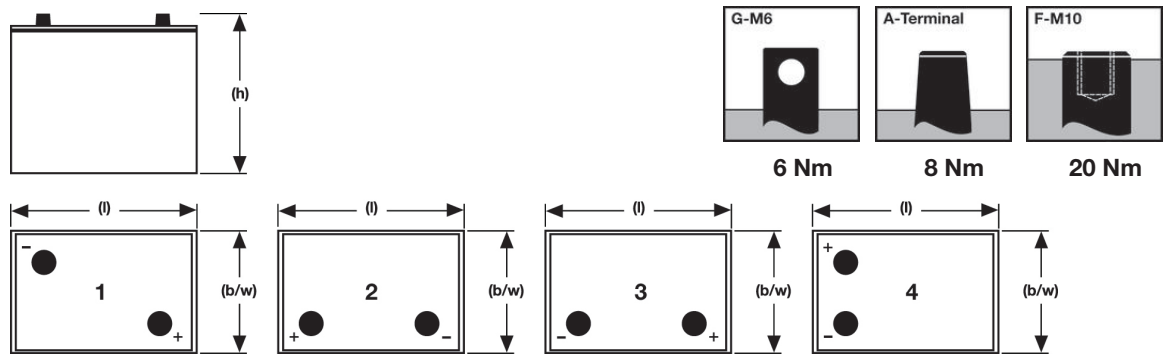
# dryfit Motive Power block batteries for hard industrial use GF-V range (dryfit traction block)



## Technical characteristics and data

| Type          | Nominal voltage<br>V | Nominal capacity<br>C <sub>5</sub> (30 °C)<br>Ah | Nominal capacity<br>C <sub>20</sub> (30 °C)<br>Ah | Length (l)<br>max.<br>mm | Width (b/w)<br>max.<br>mm | Height (h)<br>max.<br>mm | Weight<br>kg | Terminal   | Terminal position |
|---------------|----------------------|--|---|--------------------------|---------------------------|--------------------------|--------------|------------|-------------------|
| GF 06 160 V 1 | 6                    | 160  | 196   | 244                      | 190                       | 275                      | 29.0         | A-Terminal | 1                 |
| GF 06 160 V 2 | 6                    | 160  | 196   | 264                      | 183                       | 270                      | 33.0         | A-Terminal | 1                 |
| GF 06 180 V   | 6                    | 180  | 200   | 244                      | 190                       | 275                      | 31.0         | A-Terminal | 1                 |
| GF 06 180 V Q | 6                    | 180  | 200   | 244                      | 190                       | 282                      | 31.5         | F-M10      | 1                 |
| GF 06 240 V   | 6                    | 240  | 270   | 311                      | 183                       | 359                      | 47.0         | A-Terminal | 1                 |
| GF 12 050 V   | 12                   | 50.0   | 55.0  | 278                      | 175                       | 190                      | 19.0         | A-Terminal | 3                 |
| GF 12 050 V G | 12                   | 50.0   | 55.0  | 278                      | 175                       | 190                      | 19.0         | G-M6       | 3                 |
| GF 12 070 V   | 12                   | 70.0   | 79.0  | 330                      | 171                       | 236                      | 26.5         | A-Terminal | 2                 |
| GF 12 090 V   | 12                   | 90.0   | 98.0  | 513                      | 189                       | 219                      | 36.5         | A-Terminal | 4                 |
| GF 12 105 V   | 12                   | 105  | 120   | 345                      | 174                       | 283                      | 38.7         | A-Terminal | 3                 |
| GF 12 110 V   | 12                   | 110  | 120   | 513                      | 223                       | 219                      | 45.5         | A-Terminal | 4                 |
| GF 12 160 V   | 12                   | 160  | 196   | 518                      | 274                       | 238                      | 62.5         | A-Terminal | 4                 |

## Drawings with terminal position, terminal and torque



## Specifications

- Nominal capacity:  
50 – 240 Ah (C<sub>5</sub>)  
55 – 270 Ah (C<sub>20</sub>)
- Block battery
- Grid plate
- 700 cycles acc. to EN 60 254-1 IEC 254-1
- Valve regulated lead-acid batteries
- Recyclable
- Proof against deep discharge
- Maintenance-free (no topping-up)