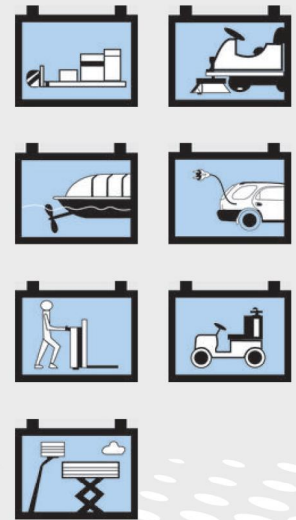


Motive Power block batteries

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 (C₅)
55 Ah up to 270 Ah (C₂₀)
- 700 cycles according to IEC 60254-1

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.

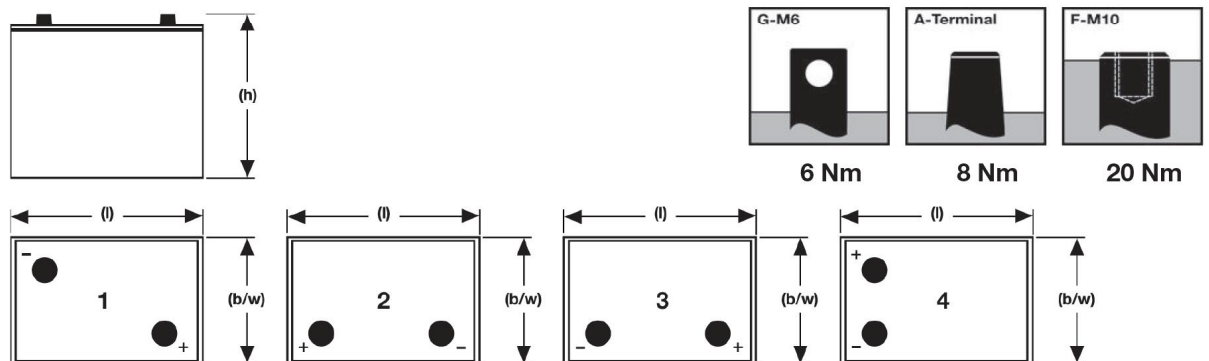
dryfit Motive Power block batteries for hard industrial use GF-V range (dryfit traction block)



Technical characteristics and data

| Type | Nominal voltage V | Nominal capacity C_5 (30 °C) Ah | Nominal capacity C_{20} (30 °C) Ah | Length (l) max. mm | Width (b/w) max. mm | Height (h) max. mm | Weight kg | Terminal | Terminal position |
|---------------|----------------------|---|--|--------------------------|---------------------------|--------------------------|--------------|------------|-------------------|
| GF 06 160 V 1 | 6 | 160 | 196 | 246 | 192 | 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 | 246 | 192 | 275 | 31.0 | A-Terminal | 1 |
| GF 06 180 V Q | 6 | 180 | 200 | 246 | 192 | 284 | 31.5 | F-M10 | 1 |
| GF 06 240 V | 6 | 240 | 270 | 311 | 183 | 358 | 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 12 076 V | 12 | 76.0 | 86.0 | 330 | 171 | 236 | 28.8 | 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 | 37.5 | 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



Not to scale!

Specifications

- Nominal capacity:
50 – 240 Ah (C_5)
55 – 270 Ah (C_{20})
- Block battery
- Grid plate
- 700 cycles acc. to IEC 60254-1
- Recyclable
- Valve regulated lead-acid batteries
- Proof against deep discharge
- Maintenance-free (no topping-up)