

dryfit® block batteries

Sonnenschein GF - V Range (dryfit traction block)

The GF-V block battery range is designed for hard industrial use. This includes applications such as cleaning machines, pallet trucks, automatic guided vehicles, mobile elevating work platforms, electric cars and buses.

Main technical features and benefits:

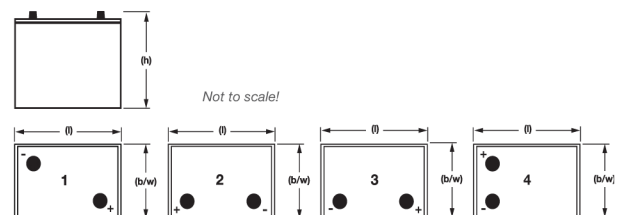
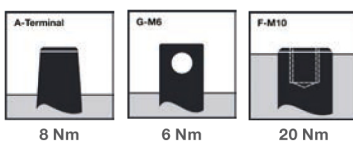
- > Battery technology: VRLA (valve regulated lead-acid)
- > Maintenance-free (no topping up during the whole service life)
- > Very high intrinsic safety
- > Robust, safe and reliable
- > Low self-discharge rate
- > 250 cycles in accordance with IEC 60254-1
- > Product range:
 - 6 V and 12 V block batteries
 - 50 Ah up to 240 Ah (C₅)
 - 55 Ah up to 270 Ah (C₂₀)



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 V1 | 6 | 160 | 196 | 246 | 192 | 275 | 29.0 | A-Terminal | 1 |
| GF 06 160 V2 | 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 12 076 V | 12 | 76 | 86 | 330 | 171 | 236 | 28.8 | A-Terminal | 2 |
| GF 12 090 V | 12 | 90 | 98 | 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



Specifications

