

## 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:

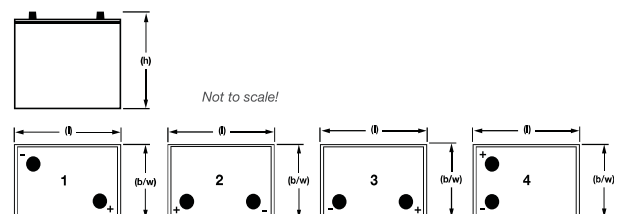
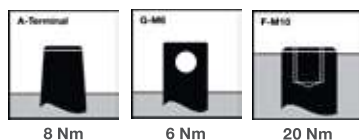
- > Battery technology: VRLA (valve regulated lead-acid)
- > Maintenance-free (no topping up during the whole service life)
- > Very high intrinsic safety
- > Robust, safe and reliable
- > Low self-discharge rate
- > 700 cycles in accordance with IEC 60254-1
- > Product range:
  - 6 V and 12 V block batteries
  - 50 Ah up to 240 Ah (C<sub>5</sub>)
  - 55 Ah up to 270 Ah (C<sub>20</sub>)



#### Technical characteristics and data

Type	Nominal voltage V	Nominal capacity C <sub>5</sub> (30 °C) Ah	Nominal capacity C <sub>20</sub> (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

Nominal capacity 50 - 240 Ah (C <sub>5</sub> ) 55 - 270 Ah (C <sub>20</sub> )	Block battery	Grid plate	700 cycles in accordance with IEC 60254-1	Recyclable	Valve regulated lead-acid batteries	Proof against deep discharge	Maintenance-free (no topping up)

