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_5)
55 Ah up to 270 Ah (C_{20})

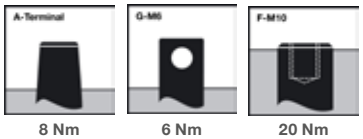


Technical characteristics and data

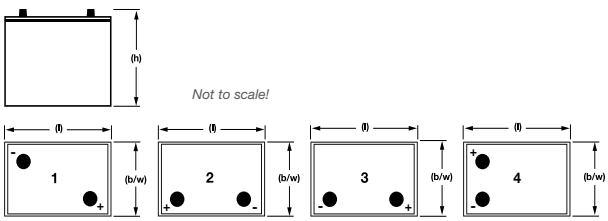
Type	Nominal voltage	Nominal capacity C_5 (30 °C)	Nominal capacity C_{20} (30 °C)	Length (l) max.	Width (b/w) max.	Height (h) max.	Weight*	Terminal	Terminal position
	V	Ah	Ah	mm	mm	mm	kg		
GF 06 160 V1	6	160	196	246	192	275	29.0	A-Terminal	1
GF 06 180 V	6	180	200	246	192	275	30.0	A-Terminal	1
GF 06 180 V Q	6	180	200	246	192	284	30.5	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	18.0	A-Terminal	3
GF 12 050 V G	12	50.0	55.0	278	175	190	18.0	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

** The weights may exhibit a tolerance of +/-5%*

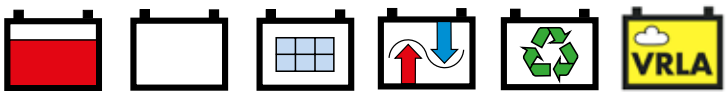
Drawings with terminal position, terminal and torque



8 Nm 6 Nm 20 Nm



Specifications



Nominal capacity 50 - 240 Ah (C_5) 55 - 270 Ah (C_{20}) | 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)

Sonnenschein®