

DRYFIT® BLOCK TECHNOLOGY SONNENSCHN EIN GF-Y RANGE



Range GF-Y (dryfit® A500 Cyclic)

The GF-Y range* is particularly suitable for the leisure and mobility market with applications including electric boats, golf carts, wheelchairs, and scooters.

Main technical features and benefits:

- VRLA (valve regulated battery technology), electrolyte is fixed in a gel
- Maintenance-free (no topping up) during the whole service life due to the Sonnenschein dryfit® technology
- 450 cycles according to IEC 60254-1
- Very robust

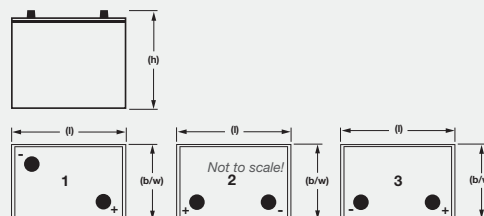


Technical characteristics and data

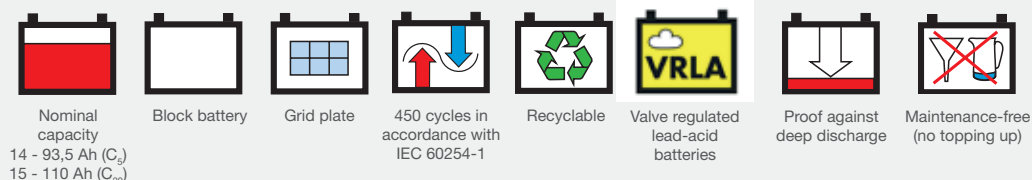
Type	Nominal voltage V	Nominal capacity C ₅ (30 °C) Ah	Nominal capacity C ₂₀ (30 °C) Ah	Length (l) max. mm	Width (b/w) max. mm	Height (h) max. mm	Weight** kg	Terminal	Terminal position
GF 12 014 Y F	12	14.0	15.0	181	76.0	167	6.00	G-M5	3
GF 12 022 Y T	12	22.2	24.0	167	176	126	8.50	F-M5	3
GF 12 025 Y G	12	25.0	28.0	197	132	180	11.1	G-M6	2
GF 12 033 Y 1	12	32.5	38.0	210	175	175	14.6	A-Terminal	3
GF 12 033 Y G1*/G2	12	32.5	38	210	175	175	14.6	G-M6	3
GF 12 040 Y	12	40	48	242	175	190	17.5	A-Terminal	3
GF 12 044 Y	12	44	50	261	135	230	18.0	A-Terminal	3
GF 12 051 Y 1/ 2*	12	51	56	278	175	190	20.8	A-Terminal	3
GF 12 051 Y G1	12	51	56	278	175	190	20.8	G-M6	3
GF 12 052 Y 0	12	52.7	60	261	170	178	19.8	F-M6	2
GF 12 063 Y04	12	63	70	261	171	210	22.2	F-M6	2
GF 12 065 Y*	12	65	78	353	175	190	26.8	A-Terminal	3
GF 12 072 Y	12	72	80	330	171	236	28.2	A-Terminal	2
GF 12 094 Y	12	93.5	110	286	269	230	38.5	A-Terminal	1

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

Drawings with terminal position, terminal and torque



Specifications



DRYFIT® BLOCK TECHNOLOGY SONNENSCHN EIN GF-V RANGE



Range GF-V (dryfit® traction block)



The GF-V range* of blocks is suitable for heavy industrial use. This includes applications for automated guided vehicles, mobile elevating work platforms, cleaning machines, walk behind pallet trucks, electric cars, and buses.

Main technical features and benefits:

- VRLA (valve regulated battery technology), electrolyte is fixed in a gel
- Maintenance-free (no topping up) during the whole service life due to the Sonnenschein dryfit® technology
- 700 cycles according to IEC 60254-1
- Extremely robust



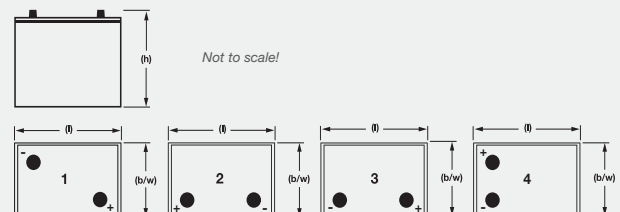
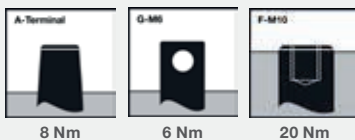
* GNB® Industrial Power as your partner for system solutions also offers optimised chargers for these blocks.

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 06 180 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



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)

