DRYFIT® BLOCK TECHNOLOGY
SONNENSCHEIN 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:

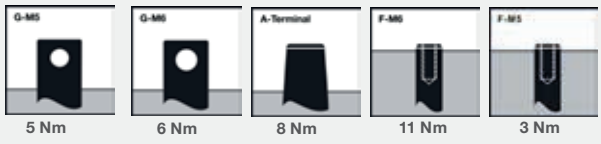
- VRLA (valve regulated battery technology), electrolyte is fixed in a gel
- Maintenance-free (no topping up) during the whole service life due to the Sonnenschein dryfit® technology
- 450 cycles according to IEC 60254-1
- Very robust

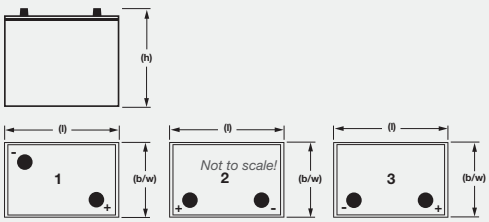
Technical characteristics and data

Type	Nominal voltage	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 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 O	12	52.7	60	261	170	178	19.8	F-M6	2
GF 12 063 YO4	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

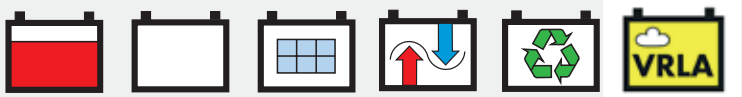
** with hold down ** The weights may exhibit a tolerance of +/-5%*

Drawings with terminal position, terminal and torque





Specifications



Nominal capacity
14 - 93,5 Ah (C_5)
15 - 110 Ah (C_{20})

Block battery

Grid plate

450 cycles in accordance with IEC 60254-1

Recyclable

Valve regulated lead-acid batteries

Proof against deep discharge

Maintenance-free (no topping up)

Sonnenschein®

DRYFIT® BLOCK TECHNOLOGY
SONNENSCHEIN GF-V RANGE

GNB INDUSTRIAL POWER

Range GF-V (dryfit® traction block)

dryfit® inside

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
- Extremly robust

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

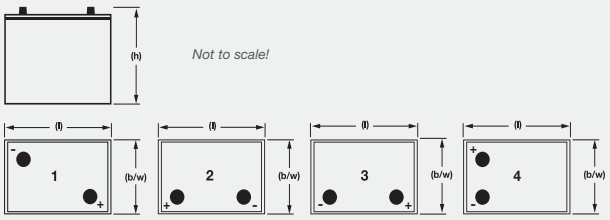
Technical characteristics and data

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

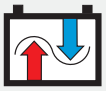


Specifications


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®