

Gel Sonnenschein Light Traction

Technical data sheet

GF-Y types

Technical features:

- VRLA battery (valve regulated battery technology) with gel fixed electrolyte
- Maintenance-free (no topping up) during the whole service life
- Very robust
- Optimized chargers are available for all blocks

Standards & certifications:

- 450 cycles according to IEC 60254-1



Nominal capacity
22.2-93.5 Ah C₅
24.0-110 Ah C₂₀



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)

Technical characteristics and data

Type	Nominal voltage	Nominal capacity		Length	Width	Height	Weight**	Terminal	Terminal position
		C ₅ (30 °C)	C ₂₀ (30 °C)	(l)	(w)	(h)			
	V	Ah	Ah	max. mm	max. mm	max. mm	kg		
GF 12 022 Y F	12	22.2	24.0	167	176	126	8.50	G-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	38.0	210	175	175	14.6	G-M6	3
GF 12 040 Y	12	40.0	48.0	242	175	190	17.5	A-Terminal	3
GF 12 044 Y	12	44.0	50.0	261	135	230	18.0	A-Terminal	3
GF 12 051 Y 1/ 2*	12	51.0	56.0	278	175	190	20.8	A-Terminal	3
GF 12 051 Y G1	12	51.0	56.0	278	175	190	20.8	G-M6	3
GF 12 052 Y O	12	52.7	60.0	261	170	178	19.8	F-M6	2
GF 12 063 YO4	12	63.0	70.0	261	171	210	22.2	F-M6	2
GF 12 065 Y*	12	65.0	78.0	353	175	190	26.8	A-Terminal	3
GF 12 072 Y	12	72.0	80.0	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

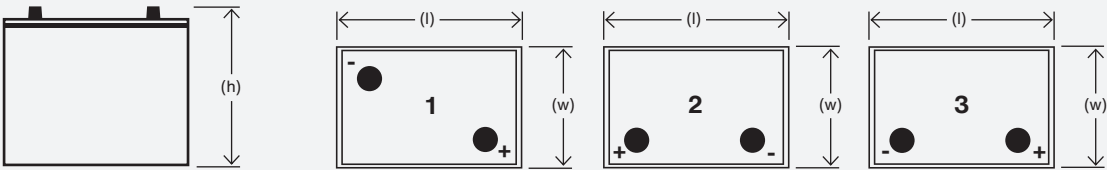
** The weights may exhibit a tolerance of +/-5%

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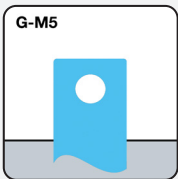
Technical data sheet

GF-Y types

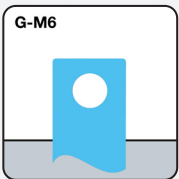
Drawings, terminal and torque



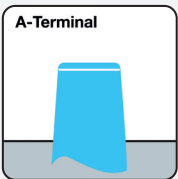
Not to scale!



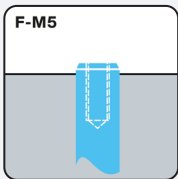
5 Nm



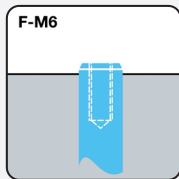
6 Nm



8 Nm



3 Nm



11 Nm