

Gel Sonnenschein Light Traction

Technical data sheet

GF-V types

Technical features:

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

Standards & certifications:

- 700 cycles according to IEC 60254-1



Nominal capacity
50.0-240 Ah C₅
55.0-270 Ah C₂₀



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)

Technical characteristics and data

Type	Nominal voltage	Nominal capacity		Length (l)	Width (w)	Height (h)	Weight*	Terminal	Terminal position	Group size BCI
		C ₅ (86°F) C ₅ (30°C)	C ₂₀ (86°F) C ₂₀ (30°C)							
		Ah	Ah	max. in max. mm	max. in max. mm	max. in max. mm	lbs kg			
GF06160V1X	6	160	196	9.7 246	7.6 192	10.8 275	63.9 29.0	A-Terminal	1	BCI GC2**
GF06180VX	6	180	200	9.7 246	7.6 192	10.8 275	66.1 30.0	A-Terminal	1	BCI GC2**
GF06180VQX	6	180	200	9.7 246	7.6 192	11.2 284	67.2 30.5	F-M10	1	BCI GC2**
GF06240VX	6	240	270	12.2 311	7.2 183	14.1 358	103.6 47.0	A-Terminal	1	BCI 305
GF12050VX	12	50.0	55.0	10.9 278	6.9 175	7.5 190	39.7 18.0	A-Terminal	3	BCI 148***
GF12050VGX	12	50.0	55.0	10.9 278	6.9 175	7.5 190	39.7 18.0	G-M6	3	
GF12076VX	12	76.0	86.0	13.0 330	6.7 171	9.3 236	63.5 28.8	A-Terminal	2	BCI 31
GF12090VX	12	90.0	98.0	20.2 513	7.4 189	8.6 219	80.5 36.5	A-Terminal	4	DIN A
GF12105VX	12	105	120	13.6 345	6.9 174	11.1 283	82.7 37.5	A-Terminal	3	BCI 5SHP
GF12110VX	12	110	120	20.2 513	8.8 223	8.6 219	100.3 45.5	A-Terminal	4	DIN B / BCI 4D***
GF12160VX	12	160	196	20.4 518	10.8 274	9.4 238	137.8 62.5	A-Terminal	4	DIN C / BCI 8D***

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

** Overall dimensions of the battery might slightly differ from the BCI standard

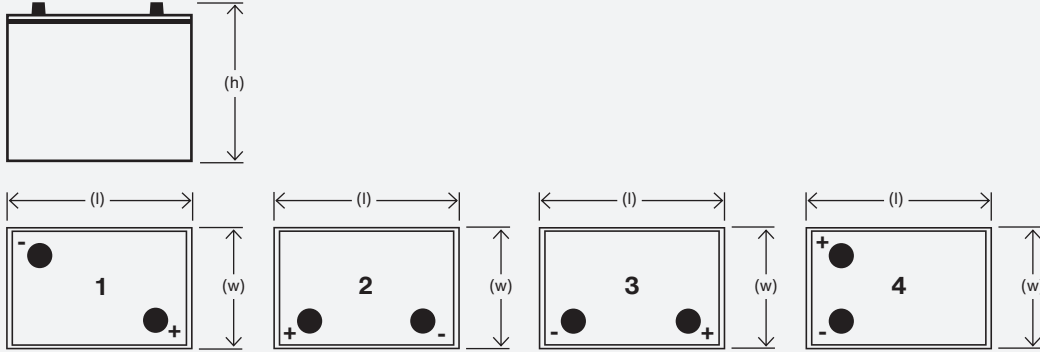
*** Terminal position different to BCI group standard

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Drawings, terminal and torque



Not to scale!



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