

# 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 C<sub>5</sub>  
24.0-110 Ah C<sub>20</sub>



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 (l)	Width (w)	Height (h)	Weight**	Terminal	Terminal position	Group size BCI
		C <sub>5</sub> (86°F) C <sub>5</sub> (30°C)	C <sub>20</sub> (86°F) C <sub>20</sub> (30°C)							
		Ah	Ah	max. in max. mm	max. in max. mm	max. in max. mm	lbs kg			
GF12022YFX	12	22.2	24.0	6.6 167	6.9 176	5.0 126	18.7 8.50	G-M5	3	
GF12025YGX	12	25.0	28.0	7.8 197	5.2 132	7.1 180	24.5 11.1	G-M6	2	BCI U1
GF12033Y1X	12	32.5	38.0	8.3 210	6.9 175	6.9 175	32.2 14.6	A-Terminal	3	BCI 99***
GF12033YG1X* / G2X	12	32.5	38.0	8.3 210	6.9 175	6.9 175	32.2 14.6	G-M6	3	
GF12040YX	12	40.0	48.0	9.5 242	6.9 175	7.5 190	38.6 17.5	A-Terminal	3	BCI 47
GF12044YX	12	44.0	50.0	10.3 261	5.3 135	9.1 230	39.7 18.0	A-Terminal	3	Group 2H
GF12051Y1/2X*	12	51.0	56.0	10.9 278	6.9 175	7.5 190	45.9 20.8	A-Terminal	3	BCI 48
GF12051YG1X	12	51.0	56.0	10.9 278	6.9 175	7.5 190	45.9 20.8	G-M6	3	BCI 48
GF12052YOX	12	52.7	60.0	10.3 261	6.7 170	7.0 178	43.7 19.8	F-M6	2	BCI 34
GF12063YO4X	12	63.0	70.0	10.3 261	6.7 171	8.3 210	48.9 22.2	F-M6	2	BCI 24
GF12065YX*	12	65.0	78.0	13.9 353	6.9 175	7.5 190	59.1 26.8	A-Terminal	3	BCI 49
GF12072YX	12	72.0	80.0	13.0 330	6.7 171	9.3 236	62.2 28.2	A-Terminal	2	BCI 31A***
GF12094YX	12	93.5	110	11.3 286	10.6 269	9.1 230	84.9 38.5	A-Terminal	1	BCI 6T

\* With hold down

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

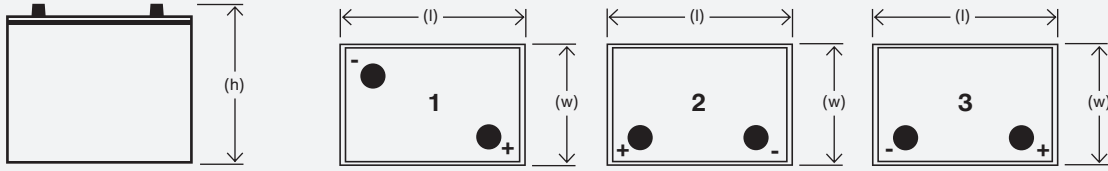
\*\*\* Terminal position different to BCI group standard

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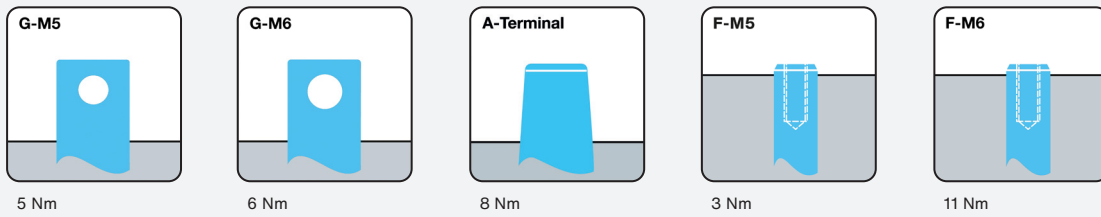
Technical data sheet

GF-Y types

## Drawings, terminal and torque



Not to scale!



Manufacturer: by /**MERICAS**  
Exide Technologies Mobility GmbH · Im Thiergarten  
63654 Büdingen · Germany

[mericas-energy.com](http://mericas-energy.com)

