

## 12V 25Ah

### 1. Physical Data

#### Box Data

Battery			CHG cond.		Lid Colour	max length	basic length	max width	basic width	Lid height	max height	Weight
Type	V	C <sub>5</sub>	Series	Terminal	Box	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
GF	12	025	Y	G		197	191	132	128	160	180	11,1

Tightening Torque Values of connectors to Terminal

Flat for M6 Screw

6 ± 1Nm

### 2. Performance Data

Discharge rate	Capacity	End Of DCH Voltage DOD		Effective DCH Time DOD		Energy Density		Power Density	
		60%	80%	60%	80%	[Wh/l]	[Wh/kg]	[W/l]	[W/kg]
[h]	[Ah]	[V]		[h]		[Wh/l]	[Wh/kg]	[W/l]	[W/kg]
20,0	28,0	2,01	1,98	10,7	14,3	83,7	30,4	4,2	1,5
10,0	26,5	2,00	1,97	5,7	7,5	78,8	28,6	7,9	2,9
<b>5,0</b>	<b>25,0</b>	<b>1,98</b>	<b>1,93</b>	<b>3,0</b>	<b>4,0</b>	<b>72,9</b>	<b>26,5</b>	<b>14,6</b>	<b>5,3</b>
3,0	22,8	1,96	1,89	2,0	2,6	66,1	24,0	22,0	8,0
2,0	21,0	1,93	1,78	1,4	1,9	59,3	21,6	29,7	10,8
1,0	17,5	1,90	1,63	0,9	1,0	48,4	17,6	48,4	17,6
0,5	14,7	1,57	1,57	0,5	0,5	39,6	14,4	79,1	28,8
0,2	11,0	1,40	1,40	0,2	0,2	29,3	10,6	146,4	53,2

Typical values after 20 - 50 C<sub>5</sub> cycles at 30°C

recommended max. Load \*)

50 A

\*) With appropriate counter contacts only

Cyclic endurance according IEC 254-1

450

Temperature Regime (Depending on DOD)

-20 °C up to 50 °C

Typical Operational Temperature Regime

5 °C up to 40 °C

### 3. Charging

Charging Profile(s)

IUIa

according GNB Specification

Fast Charge

Possible

We reserve the right to discontinue or change specification any time without notice or obligation