

## Datasheet Gel Type VRLA Batteries

### GF06240V 6V 240Ah

#### 1. Physical Data

##### Box Data

Battery		CHG		Lid		max length [mm]	basic length [mm]	max width [mm]	basic width [mm]	Lid height [mm]	max height [mm]	Weight [kg]
Type	V	C <sub>5</sub>	cond. Series	Ter- minal	Colour Box							
GF	06	240	V			311	296	181,1	177	336	358	48

Tightening torque values of connectors to terminal

Anzugsdrehmoment für Polanschluss nach EN 50342-2

8 ± 1Nm

#### 2. Performance Data

Discharge rate [h]	Capacity [Ah]	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]
20,0	270,0	2,01	1,98	10,7	14,2	90,4	33,9	4,5	1,7
10,0	255,0	2,00	1,97	5,6	7,5	84,9	31,9	8,5	3,2
<b>5,0</b>	<b>240,0</b>	<b>1,98</b>	<b>1,93</b>	<b>3,0</b>	<b>4,0</b>	<b>78,4</b>	<b>29,4</b>	<b>15,7</b>	<b>5,9</b>
3,0	216,0	1,96	1,89	2,0	2,7	70,2	26,3	23,4	8,8
2,0	191,0	1,93	1,78	1,5	2,0	60,4	22,7	30,2	11,3
1,0	143,0	1,90	1,63	1,0	1,0	44,3	16,6	44,3	16,6
0,5	111,0	1,57	1,57	0,5	0,5	33,5	12,6	66,9	25,1
0,2	82,0	1,40	1,40	0,2	0,2	24,4	9,2	122,2	45,9

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

recommended max. load \*)

480A

max. empfohlene Last

\*) with appropriate counter contacts only / nur bei entsprechender Gegenkontaktierung

Cyclic performance according IEC 60254-1

700

Zykluslebensdauer gemäß IEC 60254-1

Temperature range (depending on DOD)

-20 °C up to 50 °C

Arbeitsbereich (von Entladetiefe abhängig)

Typical operational temperature range

5 °C up to 40 °C

Typischer Arbeitsbereich

#### 3. Charging

Charging profile(s) / Ladeprofil(e)

IUIa

according GNB specification

Charging time / Ladezeit

10 - 14h

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

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