

GF06240V 6V 240Ah

1. Physical Data

Box Data

Battery			CHG cond.	Ter- minal	Lid Colour	max length	basic length	max width	basic width	Lid height	max height	Weight
Type	V	C ₅	Series		Box	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
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	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	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
5,0	240,0	1,98	1,93	3,0	4,0	78,4	29,4	15,7	5,9
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 C₅ cycles at 30°C

recommended max. load *)
max. empfohlene Last

480A

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

Cyclic performance according IEC 60254-1
Zykluslebensdauer gemäß IEC 60254-1

700

Temperature range (depending on DOD)
Arbeitsbereich (von Entladetiefe abhängig)

-20 °C up to 50 °C

Typical operational temperature range
Typischer Arbeitsbereich

5 °C up to 40 °C

3. Charging

Charging profile(s) / Ladeprofil(e)
according GNB specification

IUIa

Charging time / Ladezeit

10 - 14h

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