

GF12110V 12V 110Ah

1. Physical Data

Box Data

Battery			CHG		Lid	max	basic	max	basic	Lid	max	Weight
Type	V	C ₅	cond. Series	Ter- minal	Colour Box	length [mm]	length [mm]	width [mm]	width [mm]	height [mm]	height [mm]	[kg]
GF	12	110	V			513	475	223	210	195	219	45,5

Tightening Torque Values of connectors to Terminal
conical terminal according EN 60095-2

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	116,0	2,01	1,98	11,4	15,2	67,7	30,7	3,4	1,5
10,0	114,0	2,00	1,97	5,8	7,7	66,2	30,1	6,6	3,0
5,0	110,0	1,98	1,93	3,0	4,0	62,6	28,4	12,5	5,7
3,0	102,0	1,96	1,89	1,9	2,6	57,8	26,2	19,3	8,7
2,0	96,0	1,93	1,78	1,4	1,8	53,0	24,1	26,5	12,0
1,0	85,0	1,90	1,63	0,8	1,0	45,9	20,8	45,9	20,8
0,5	69,0	1,57	1,57	0,5	0,5	36,3	16,5	72,6	32,9
0,2	53,8	1,40	1,40	0,2	0,2	28,0	12,7	139,9	63,5

Typical values after 20 - 50 C₅ cycles at 30°C

recommended max. Load *) 220 A

*) With appropriate counter contacts only

Cyclic endurance according IEC 254-1 700

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) IU1a
according GNB specification

Charging time / Ladezeit 10 - 14h



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

