

12V 70Ah

1. Physical Data

Box Data

Battery			CHG		Lid	max	basic	max	basic	Lid	max	Weight
Type	V	C ₅	cond.	Ter-	Colour	length	length	width	width	height	height	[kg]
			Series	minal	Box	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
GF	12	070	V			330	330	171	171	213	235,5	28

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	79,0	2,01	1,98	10,6	14,2	79,3	34,0	4,0	1,7
10,0	74,0	2,00	1,97	5,7	7,6	73,9	31,7	7,4	3,2
5,0	70,0	1,98	1,93	3,0	4,0	68,5	29,4	13,7	5,9
3,0	65,1	1,96	1,89	1,9	2,6	63,4	27,2	21,1	9,1
2,0	61,0	1,93	1,78	1,4	1,8	57,9	24,8	28,9	12,4
1,0	52,0	1,90	1,63	0,8	1,0	48,3	20,7	48,3	20,7
0,5	44,0	1,57	1,57	0,5	0,5	39,8	17,1	79,5	34,1
0,2	34,0	1,40	1,40	0,2	0,2	30,4	13,0	151,9	65,2

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

recommended max. Load *)

140 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)

IUIa

according EXIDE Technologies Specification

Fast Charge

Possible

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