

GF12072Y 12V 72Ah

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	12	072	Y			330	330	171	171	213	235,5	30

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	80,0	2,01	1,98	10,8	14,4	80,3	32,2	4,0	1,6
10,0	76,0	2,00	1,97	5,7	7,6	75,9	30,4	7,6	3,0
5,0	72,0	1,98	1,93	3,0	4,0	70,4	28,2	14,1	5,6
3,0	66,9	1,96	1,89	1,9	2,6	65,1	26,1	21,7	8,7
2,0	63,3	1,93	1,78	1,4	1,8	60,0	24,1	30,0	12,0
1,0	52,0	1,90	1,63	0,8	1,0	48,3	19,3	48,3	19,3
0,5	44,0	1,57	1,57	0,5	0,5	39,8	15,9	79,5	31,9
0,2	34,2	1,40	1,40	0,2	0,2	30,6	12,2	152,8	61,2

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

recommended max. Load *) 140 A

*) With appropriate counter contacts only

Cyclic endurance according IEC 254-1 450

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) IU1a

according GNB Specification

Fast Charge Possible