Datasheet Gel Type VRLA Batteries

12V 160Ah

1. Physical Data

Box Data

Battery Type	V	C_5	CHG cond. Series	Ter-minal	Lid Colour Box	max length [mm]	basic length [mm]	max width [mm]	basic width [mm]	Lid height [mm]	max height [mm]	Weight [kg]
GF	12	160	V			518	475	274	265	216	238	64

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 60%	80%	Effective DCH Time DOD 60%	80%	Energy Density		Power Density	
[h]	[Ah]	[V]		[h]		[Wh/l]	[Wh/kg]	[W/l]	[W/kg]
20,0	196,0	2,01	1,98	9,8	13,1	84,1	36,9	4,2	1,8
10,0	174,0	2,00	1,97	5,5	7,4	74,3	32,6	7,4	3,3
5,0	**160,0**	**1,98**	**1,93**	**3,0**	**4,0**	**66,9**	**29,4**	**13,4**	**5,9**
3,0	150,0	1,96	1,89	1,9	2,6	62,4	27,4	20,8	9,1
2,0	138,0	1,93	1,78	1,4	1,9	56,0	24,6	28,0	12,3
1,0	115,0	1,90	1,63	0,8	1,0	45,7	20,1	45,7	20,1
0,5	98,0	1,57	1,57	0,5	0,5	37,9	16,6	75,7	33,3
0,2	75,0	1,40	1,40	0,2	0,2	28,7	12,6	143,3	62,9

Typical values after 20 - 50 C_5 cycles at 30°C

recommended max. Load *) 320 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

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