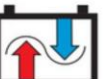


GF12105V



PHYSICAL SPECIFICATIONS									
Lenght (mm)	Base Lenght (mm)	Width (mm)		Base Width (mm)		Lid Height (mm)		Total Height (mm)	Weight +/- 5% (Kg)
345	338	174		165		262		283	38,7
TECHNICAL DATA									
Terminal		Container Material				Bolt Torque Value			
Conical (DIN A, EN 60095-2)		UL 94-HB (PP)				8 +/-1 Nm			
PERFORMANCE DATA									
Discharge Rate	Capacity	End of Discharge Voltage (V)		Effective Runtime (h)		Energy Density		Power Density	
H	Ah	60% DOD	80% DOD	60% DOD	80% DOD	Wh/L	Wh/Kg	W/L	W/Kg
20,0	120,0	2,01	1,98	10,5	14,0	93,9	37,4	4,7	1,9
10,0	111,0	2,00	1,97	5,7	7,6	86,4	34,4	8,6	3,4
5,0	105,0	1,98	1,93	3,0	4,0	80,1	31,9	16,0	6,4
3,0	96,0	1,96	1,89	2,0	2,6	72,9	29,0	24,3	9,7
2,0	86,0	1,93	1,78	1,5	2,0	63,6	25,3	31,8	12,7
1,0	74,0	1,90	1,63	0,9	1,0	53,6	21,3	53,6	21,3
0,5	62,0	1,57	1,57	0,5	0,5	43,7	17,4	87,4	34,8
0,2	49,0	1,40	1,40	0,2	0,2	34,2	13,6	170,8	68,0
Typical values after 20 to 50 C5 cycles at 30°C									
Cyclic Performance		according to IEC 60254-1 DOD 70%				700			
Operating Temperature Range		Discharging				-20°C to +50°C			
		Charging				5°C to 40°C			
Recommended Max. Load		with appropriate counter contacts				210A			
CHARGING									
Charging Profile		according to Exide specifications				IUIa			
Charging Time		UL 94-HB (PP)				10 - 14 h			
GENERAL PROPERTIES OF THE RANGE									
									
Nominal capacity 50 - 240 Ah (C ₂₀) 55 - 270 Ah (C ₂₀)	Block battery	Grid plate	700 cycles in accordance with IEC 60254-1	Recyclable	Valve regulated lead-acid batteries	Proof against deep discharge	Maintenance-free (no topping up)		

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