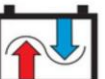


GF12050V



PHYSICAL SPECIFICATIONS									
Lenght (mm)	Base Lenght (mm)	Width (mm)		Base Width (mm)		Lid Height (mm)		Total Height (mm)	Weight +/- 5% (Kg)
278	265	175		162		190		190	18,0
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	55,0	2,01	1,98	10,9	14,5	75,3	34,9	3,8	1,7
10,0	53,0	2,00	1,97	5,7	7,5	72,2	33,5	7,2	3,3
5,0	50,0	1,98	1,93	3,0	4,0	66,7	30,9	13,3	6,2
3,0	45,0	1,96	1,89	2,0	2,7	59,8	27,7	19,9	9,2
2,0	41,0	1,93	1,78	1,5	2,0	53,0	24,6	26,5	12,3
1,0	33,5	1,90	1,63	0,9	1,0	42,4	19,7	42,4	19,7
0,5	27,0	1,57	1,57	0,5	0,5	33,3	15,4	66,6	30,9
0,2	20,0	1,40	1,40	0,2	0,2	24,4	11,3	121,9	56,5
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				100A		
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