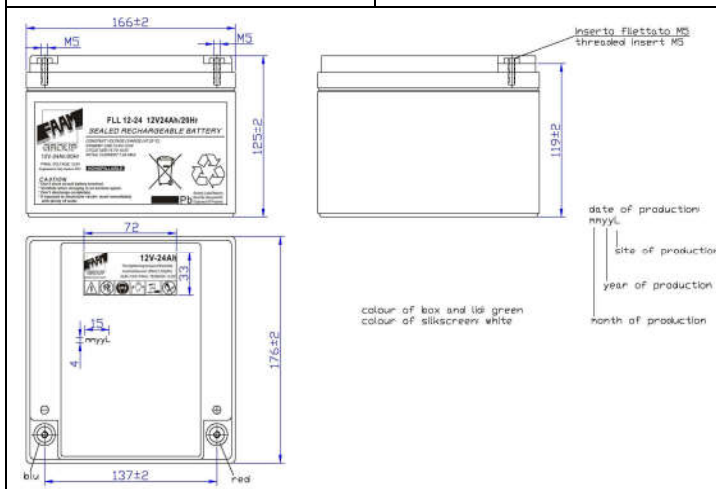


Nominal Voltage		12V	Tecnology: AGM VRLA Alloy: Pb/Ca Typology of plates: flat Temperature exercise: from -10°C to +50°C Battery sealed no maintenance Safety valves VRLA (a valve per each cell) Box and lid material ABS according UL94:V0 IEC 707 Design life >12 years (at 20°C) “Long Life” Standards: IEC CEI EN 60896 Parts 21 and 22
Nominal Capacity (20 hours)		24Ah (Vfin 1,8Vpc at 20°C)	
Dimensions	Length	166 ±2mm	
	Width	176 ±2mm	
	Box Height	125 ±2mm	
	Total Height	125 ±2mm	
Drawing n° 4 00250-0		Weight 8,1 Kg ± 5%	
Standard Terminals		Female screw type : M5	



(in mm)

Characteristics			Discharging curves (20°C)	
Capacity	20 hours (1,8Vfin pc at 20°C)	24,00Ah	The graph shows the discharge curves for the battery at 20°C. The y-axis represents the battery voltage (Tensione batteria) in Volts (V), ranging from 7.8 to 13.2. The x-axis represents the discharge time (Tempo di scarica) in minutes (min) and hours (h). The curves are labeled with discharge rates: 12C, 6C, 2C, 1C, 0.33C, 0.2C, 0.1C, and 0.05C. The 12C curve shows a rapid drop in voltage, while the 0.05C curve shows a much slower, more linear decline.	
	10 hours (1,8Vfin pc at 20°C)	22,00Ah		
	5 hours (1,7Vfin pc at 20°C)	19,35Ah		
	3 hours (1,7Vfin pc at 20°C)	17,00Ah		
	1 hour (1,6Vfin pc at 20°C)	13,50Ah		
Temperature influence on the capacity	40°C 20°C 0°C	102% 100% 85%		
Internal Resistance 10,2 mΩ±10%		SCC 530 A ±10%		
Constant Charging Voltage	Cyclic use	Initial Charging Current less than 7,2A Voltage 14.70~15.00V at 20°C Temperature Coefficient -30 mV/°C		
	Stand-by use	No limit on Initial Charging Current Voltage 13.60~13.80V at 20°C Temperature Coefficient -20 mV/°C		

V _{final} /Time		5min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9,9V	A	82,78	44,66	24,59	13,44	11,08	9,36	5,66	3,88	2,68	2,31
	W	120,70	70,41	49,78	31,80	23,21	18,55	13,85	8,99	6,08	5,02
10,2V	A	82,01	44,20	23,85	13,43	9,10	7,69	5,66	3,87	2,66	2,28
	W	111,96	69,64	46,34	31,10	22,71	18,14	12,91	8,86	5,99	4,96
10,8V	A	77,00	38,50	22,66	13,11	8,88	7,51	5,58	3,80	2,62	2,20
	W	102,72	64,13	42,91	28,80	21,02	16,80	12,22	8,52	5,76	4,80