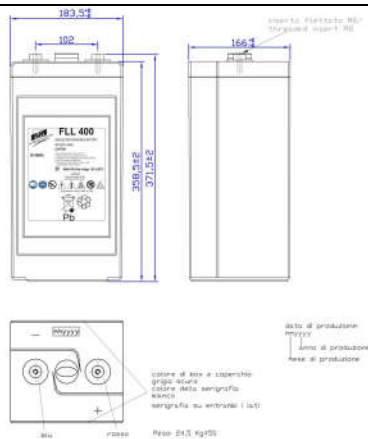




FLL 400

DIMENSIONAL FEATURES

Nominal Voltage		2V		Sealed Stationary Cell regulated with valves (VRLA) Box material: ABS grey color FV0 Lid material: ABS heat-welded grey color FV0 Positive and negative plates: flat (melted grids) alloy Pb/Ca/Sn High porosity glassmat separators AGM VRLA Technology Standards: IEC CEI EN 60896 Parts 21-22
Nominal Capacity (10 hours)		400Ah (1,80V) at 20°C		
Dimensions	Length	166,0 ±2mm		
	Width	183,5 ±2mm		
	Box height	358,5 ±2mm		
	Total height	371,5 ±2mm		
Technical drawing n°4 00380-0		Weight 24.5 Kg ± 5%		
Screw terminals : M8 female		Material: brass with protection		



Floating voltage at 20°C 2,27±0,02V/cell
Boost charging voltage 2,40±0,02V/cell
Exercise temperature: 20°C±3°C (recommended)
Max working temperature: -40°C / 55°C
Tightening torque: max 12 Nm

ELECTRIC FEATURES

Characteristics			Discharge Curves @ 20°C	
Capacity	10 hours (1,80Vfin at 20°C)	400,0 Ah		
	8 hours (1,75Vfin at 20°C)	368,7 Ah		
3 hours (1,70Vfin at 20°C)	321,0 Ah			
1 hour (1,60Vfin at 20°C)	252,6 Ah			
0,25 hour (1,60Vfin at 20°C)	133,7 Ah			
Influence of the temperature on the capacity (10h)	40°C	102%		
	20°C	100%		
	0° C	85%		
Internal Resistance Ri: 0,50 mΩ ±10%		SCC Isc: 4190 A ±10%		
Charging Voltage	Standby use	No limit on the initial charging current Voltage 2,25~2,30V at 20°C Temperature coefficient -20 mV/°C		

Table of discharge at constant current (Amp) and constant power (Watt/cell) at 20°C

Time/Vfin	15min	30min	60min	2hours	3hours	4hours	5hours	8hours	10hours	24hours
1.65V	A	520	396	248	150	110	88,3	74,8	49,5	19,4
	W	911	715	498	319	242	195	164	109	41,5
1.70V	A	488	364	237	145	107	87,1	74,1	47,1	19,3
	W	878	697	474	310	233	188	160	107	40,2
1.80V	A	436	317	211	134	100	81,9	70,4	45,5	18,7
	W	806	649	445	293	216	178	152	100	39,0