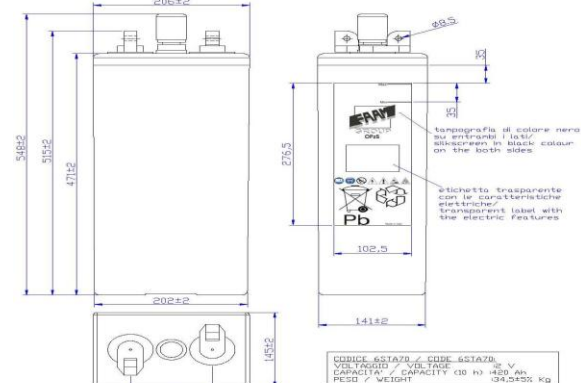
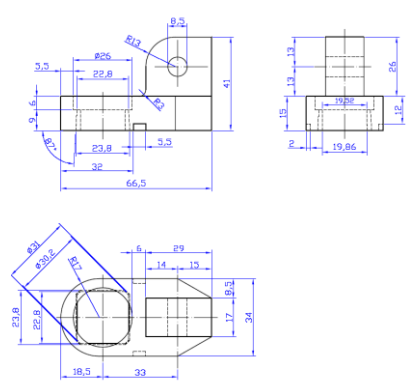
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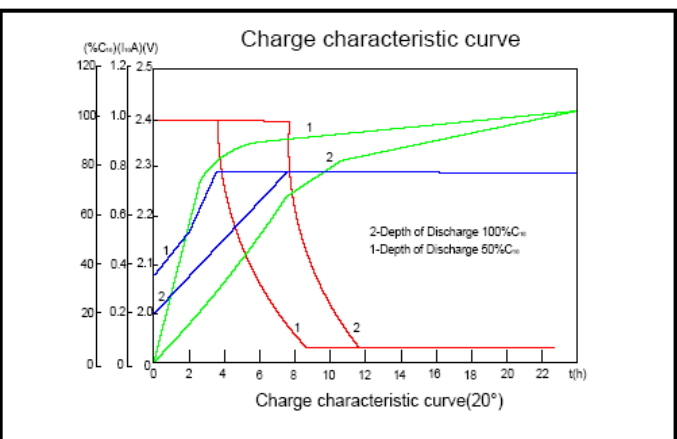
PHYSICAL SPECIFICATION

Nominal Voltage	2V	
Nominal Capacity (10Hr)	420Ah	
Dimension	Length Width Container Height Total Height	145 ±2mm 206 ±2mm 518 ±2mm 548 ±2mm
	Drawing 400210-0	Weight 34,5 Kg ± 5%
	Standard Terminal	Bolt Type: S 8





ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C		
Capacity	10 hour rate	420,00Ah			
	8 hour rate	411,28Ah			
	5 hour rate	358,70Ah			
	3 hour rate	327,21Ah			
	1hour rate	228,31Ah			
Capacity affected by temperature	40°C	102%			
	20°C	100%			
	0°C	85%			
Internal Resistance 0,56 mΩ±10%		SCC 4000 A ±10%			
Charge Voltage	Standby	Max Charge Current 80 A Floating Voltage 2,23V at 20°C Best Charge 2,40V at 20°C Temperature Coefficient -20 mV/°C			

Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

	Time	30 min	60 min	90 min	2 h	3 h	5 h	8 h	10 h	100 h	120 h
		1,65V	A	311,22	222,60	173,74	147,89	113,19	76,04	52,92	44,10
W	611,48		404,84	310,26	262,08	196,67	137,03	97,88	79,38	10,30	8,74
1,70V	A	294,46	215,95	170,31	144,97	109,07	75,32	52,42	43,68	5,76	4,89
	W	583,03	391,23	299,38	253,19	191,13	136,39	97,42	78,90	10,26	8,71
1,80V	A	239,40	190,26	155,82	132,64	102,90	71,74	50,40	42,00	5,54	4,70
	W	474,01	340,20	272,16	234,00	178,79	129,28	92,08	75,60	9,97	8,46