



5STA70

PHYSICAL SPECIFICATION

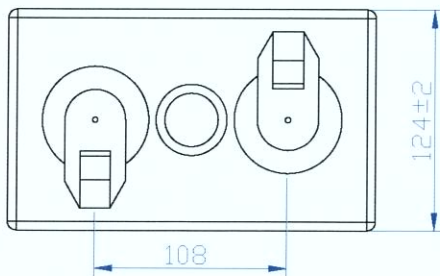
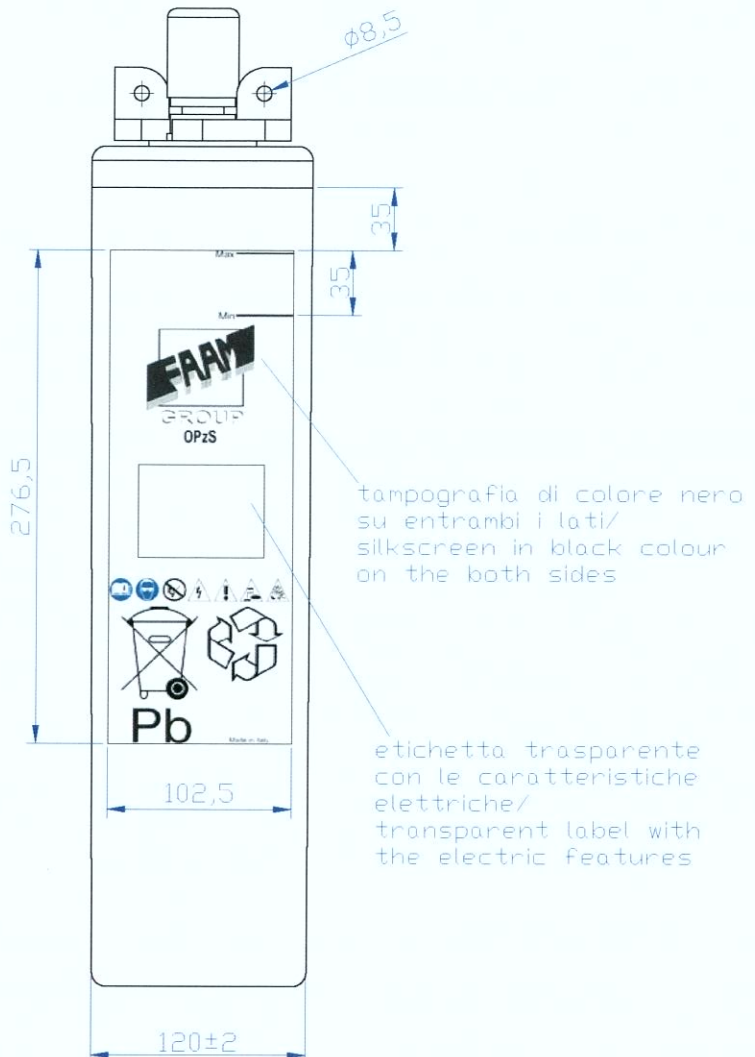
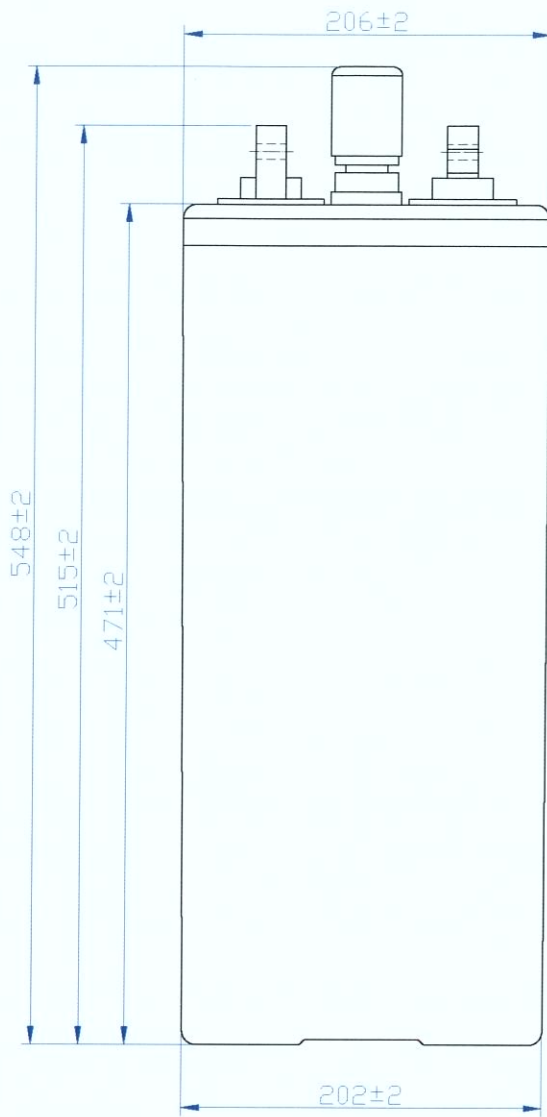
Nominal Voltage		2V
Nominal Capacity (10Hr)		350Ah
Dimension	Length	124±1mm
	Width	206±1mm
	Container Height	518±1mm
	Total Height	548±1mm
Drawing 400220-0		Weight 32,5 Kg ± 5%
Standard Terminal		Bolt Type: S 8

ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C	
Capacity	10 hour rate	350,00Ah		
	8 hour rate	342,72Ah		
	5 hour rate	298,90Ah		
	3 hour rate	272,70Ah		
	1 hour rate	190,26Ah		
Capacity affected by temperature	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 0,54 mΩ±10%		SCC 3200 A ±10%		
Charge Voltage	Standby	Max Charge Current 70 A Floating Voltage 2,23V at 20°C Boost 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	259,35	185,50	144,78	123,24	94,33	63,37	44,10	36,75	4,76	4,03
	W	509,56	337,37	258,55	218,40	163,89	114,19	81,57	66,15	8,58	7,28
1,70V	A	245,39	179,95	141,93	120,81	90,90	62,77	43,68	36,40	4,80	4,07
	W	485,86	326,03	249,48	210,99	159,28	113,66	81,18	65,75	8,55	7,25
1,80V	A	199,50	158,55	129,85	110,53	85,75	59,78	42,00	35,00	4,62	3,92
	W	395,01	283,50	226,80	195,00	149,00	107,73	76,73	63,00	8,31	7,05



CODICE 5STA70 / CODE 5STA70:
 VOLTAGGIO / VOLTAGE : 2 V
 CAPACITA' / CAPACITY (10 h) : 350 Ah
 PESO / WEIGHT : 32,5±5% Kg

1	14.02.2011	R. PARENTI	S. BALDASSARRI	R. ISIDORI	INSERITA TAMPGRAFIA/ADDED PRINTING		
REV.	DATA/DATE	PROGETTISTA/DESIGNER	DISEGNATO/DRAWN	APPROVATO/APPROVED	DESCRIZIONE MODIFICHE/DESCRIPTION REVISIONS		
INDICAZIONI GENERALI/GENERAL INDICATIONS			MATERIALE/MATERIAL:	R (N/m ²)	DUREZZA/HARDNESS:	PROGETTISTA/DESIGNER:	
GRADO DI PRECISIONE/DEGREE OF ACCURACY			Pb-acide			R. PARENTI	
NORMA UNI 5307/STANDARD UNI 5307			PROGETTO GENERALE-COMPLESSIVO/GENERAL PLAN-TOTAL PLAN:			DISEGNATO/DRAWN:	
			ELEMENTI STAZIONARI ACIDO LIBERO/STATIONARY CELLS OPZS			S. BALDASSARRI	
SOSTITUISCE IL/SUPERSEDES:		SOSTITUITO DAL/SUPERSEDS BY:	NOME FILE/NAME FILE:			APPROVATO/APPROVED:	
			4 00220-1.dwg			F. PAGLIARINI	
SCALA/SCALE:		FOGLIO/SHEET:	CODICE/COE:	TIPO/TYPE:	VERSIONE/VERSION:	DATA/DATE:	
1:4		A4	5STA70	VASO APERTO/OPZS	CARICA/CHARGE	30.03.2007	
DENOMINAZIONE/PART DESCRIPTION:						DISEGNO N°-REV./DRAWING N°-REV.:	TAV.:
ELEMENTO STAZIONARIO ACIDO LIBERO COD. 5STA70/ STATIONARY CELL OPZS CODE 5STA70						4 00220-1	1



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