



7STA100

PHYSICAL SPECIFICATION

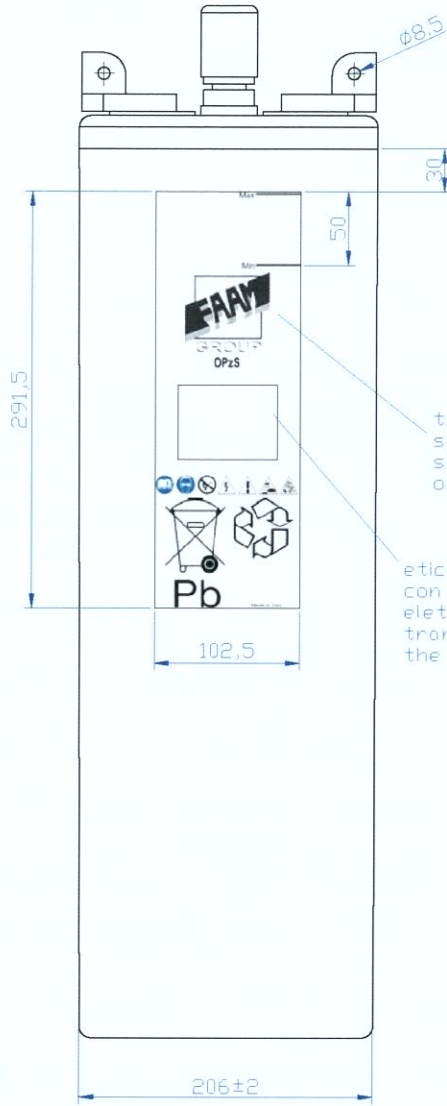
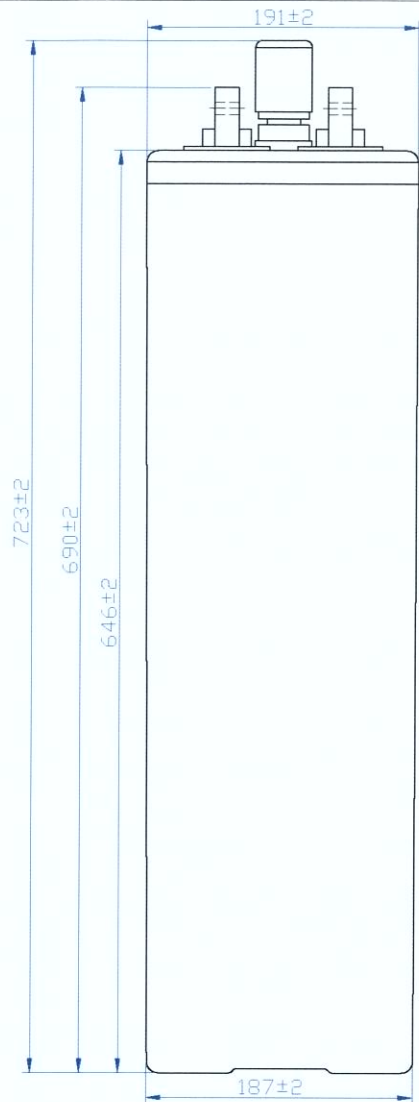
Nominal Voltage		2V
Nominal Capacity (10Hr)		700Ah
Dimension	Length	210 ±2mm
	Width	191 ±2mm
	Container Height	693 ±2mm
	Total Height	723 ±2mm
Drawing 400189-0		Weight 55,0 Kg ± 5%
Standard Terminal		Bolt Type: S 8

ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C	
Capacity	10 hour rate	700,00Ah		
	8 hour rate	674,00Ah		
	5 hour rate	572,25Ah		
	3 hour rate	510,87Ah		
	1 hour rate	336,00Ah		
Capacity affected by temperature	40°C	102%	2-Depth of Discharge 100% 1-Depth of Discharge 80%	
	20°C	100%		
	0°C	85%		
Internal Resistance 0,35 mΩ±10%		SCC 5750 A ±10%		
Charge Voltage	Standby	Max Charge Current 140 A		
		Floating Voltage 2,23V at 20°C		
		Bost Charge 2,40V at 20°C		
		Temperature Coefficient -20 mV/°C		

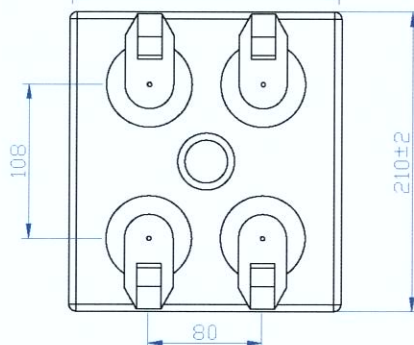
Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

Time		30 min	60 min	90 min	2 h	3 h	5 h	8 h	10 h	100 h	120 h
1,65V	A	434,98	327,60	265,37	231,03	176,72	121,32	86,73	73,50	9,51	8,07
	W	1019,13	674,73	517,10	436,80	327,79	228,39	163,14	132,30	17,17	14,57
1,70V	A	411,56	317,80	260,13	226,47	170,29	120,17	85,90	72,80	9,60	8,15
	W	971,72	652,05	498,96	421,98	318,55	227,31	162,37	131,49	17,10	14,51
1,80V	A	334,60	280,00	238,00	207,20	160,65	114,45	82,60	70,00	9,23	7,83
	W	790,02	567,00	453,60	390,00	297,99	215,46	153,47	126,00	16,62	14,10



tampografia di colore nero su entrambi i lati/
silkscreen in black colour on the both sides

etichetta trasparente con le caratteristiche elettriche/
transparent label with the electric features



CODICE 7STA100 / CODE 7STA100:
 VOLTAGGIO / VOLTAGE :2 V
 CAPACITA' / CAPACITY (10 h) :700 Ah
 PESO / WEIGHT :55±5% Kg

CODICE 8STA100 / CODE 8STA100:
 VOLTAGGIO / VOLTAGE :2 V
 CAPACITA' / CAPACITY (10 h) :800 Ah
 PESO / WEIGHT :62±5% Kg

1	14.02.2011	R. PARENTI	S. BALDASSARRI	R. ISIDORI	INSERITA TAMPOGRAFIA/ADDED PRINTING		
REV.	DATA/DATE	PROGETTISTA/DESIGNER	DISEGNATO/DRAWN	APPROVATO/APPROVED	DESCRIZIONE MODIFICHE/DESCRIPTION REVISIONS		
INDICAZIONI GENERALI/GENERAL INDICATION			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 00189-1.dwg			F. PAGLIARINI	
SCALA/SCALE		FOGLIO/SHEET	CODICE/CODE	TIPO/TYPE	VERSIONE/VERSION	DATA/DATE	
1:5		A4	7STA100/8STA100	VASO APERTO/OPZS	CARICA/CHARGE	10.11.2006	
DENOMINAZIONE/PART DESCRIPTION						DISEGNO N°-REV// DRAWING N°-REV	TAV.
ELEMENTI STAZIONARI ACIDO LIBERO COD. 7STA100/8STA100/ STATIONARY CELLS OPZS CODES 7STA100/8STA100						4 00189-1	1



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