

# 10STA100

## PHYSICAL SPECIFICATION

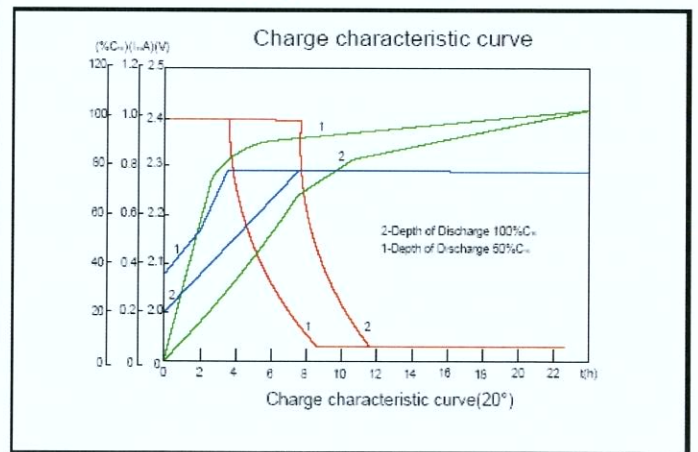
Nominal Voltage		2V
Nominal Capacity (10Hr)		1000Ah
Dimension	Length	210 ±2mm
	Width	233 ± 2mm
	Container Height	693 ±2mm
	Total Height	723 ±2mm
Drawing 400191-0		Weight 82,5 Kg ± 5%
Standard Terminal		Bolt Type: S 8

## ELECTRICAL SPECIFICATION

### Characteristics

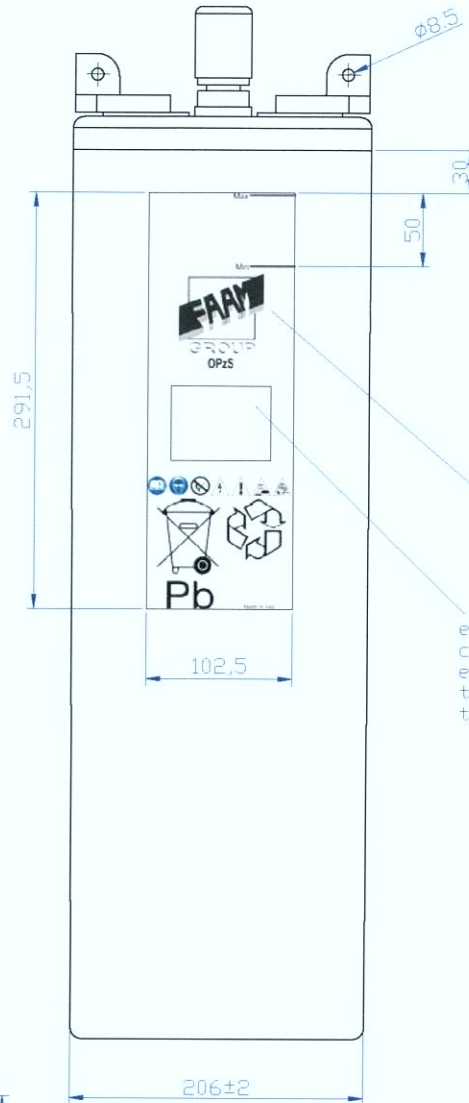
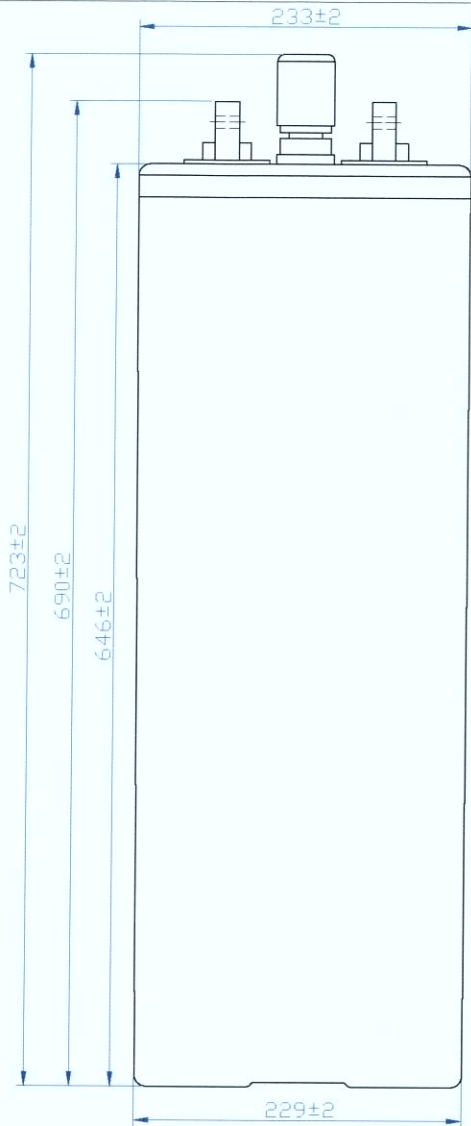
Capacity	10 hour rate	1000,00Ah
	8 hour rate	962,88Ah
	5 hour rate	817,50Ah
	3 hour rate	729,81Ah
	1 hour rate	480,00Ah
Capacity affected by temperature	40°C	102%
	20°C	100%
	0°C	85%
Internal Resistance 0,25 mΩ±10%		SCC 7750 A ±10%
Charge Voltage	Standby	Max Charge Current 200 A
		Floating Voltage 2,23V at 20°C
		Bost Charge 2,40V at 20°C
		Temperature Coefficient -20 mV/°C

### Charging curves @ 20°C



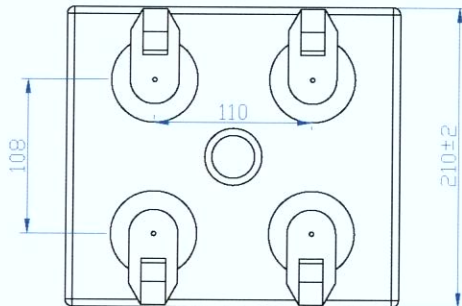
### Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

Time		30 min	60 min	90 min	2 h	3 h	5 h	8 h	10 h	100 h	120 h
1,65V	A	621,40	468,00	379,10	330,04	252,45	173,31	123,90	105,00	13,59	11,53
	W	1455,89	963,90	738,72	624,00	468,27	326,27	233,05	189,00	24,53	20,81
1,70V	A	587,94	454,00	371,62	323,53	243,27	171,68	122,72	104,00	13,72	11,64
	W	1388,18	931,50	712,80	602,83	455,07	324,73	231,96	187,85	24,43	20,73
1,80V	A	478,00	400,00	340,00	296,00	229,50	163,50	118,00	100,00	13,19	11,19
	W	1128,60	810,00	648,00	557,14	425,70	307,80	219,24	180,00	23,74	20,14



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 9STA100 / CODE 9STA100:**  
 VOLTAGGIO / VOLTAGE :2 V  
 CAPACITA' / CAPACITY (10 h) :900 Ah  
 PESO / WEIGHT :75,5±5% Kg  
  
**CODICE 10STA100 / CODE 10STA100:**  
 VOLTAGGIO / VOLTAGE :2 V  
 CAPACITA' / CAPACITY (10 h) :1000 Ah  
 PESO / WEIGHT :82,5±5% Kg

1	14.02.2011	R. PARENTI	S. BALDASSARRI	R. ISIDDI	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/mm <sup>2</sup> )	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 00191-1.dwg		F. PAGLIARINI
SCALA/SCALE		FOLGIO/SHEET	CODICE/CODE	TIPO/TYPE	VERSIONE/VERSION	DATA/DATE
1:5		A4	9STA100/10STA100	VASO APERTO/OPZS	CARICA/CHARGE	13.11.2006
DENOMINAZIONE/PART DESCRIPTION					DISEGNO N°-REV./DRAWING N°-REV.	TAV.
ELEMENTI STAZIONARI ACIDO LIBERO COD. 9STA100/10STA100/ STATIONARY CELLS OPZS CODES 9STA100/10STA100					4 00191-1	1



FAAM S.p.A. Via Monti,11 63026 Monterubbiano (AP) ITALY

Tel. ++39/07342581 Fax. ++39/0734258229 www.faam.com

Questo disegno è di proprietà della FAAM e non può essere riprodotto o reso noto senza autorizzazione scritta.  
This drawing is a proprietary and shall not be reproduced or released to otherwise authorized by FAAM.