



12STA125

PHYSICAL SPECIFICATION

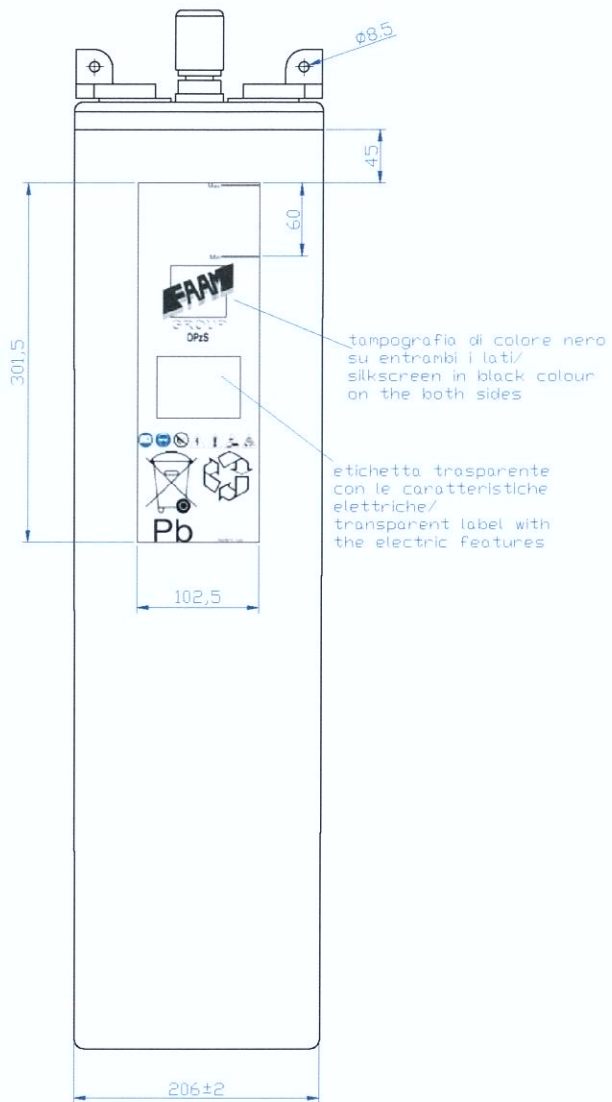
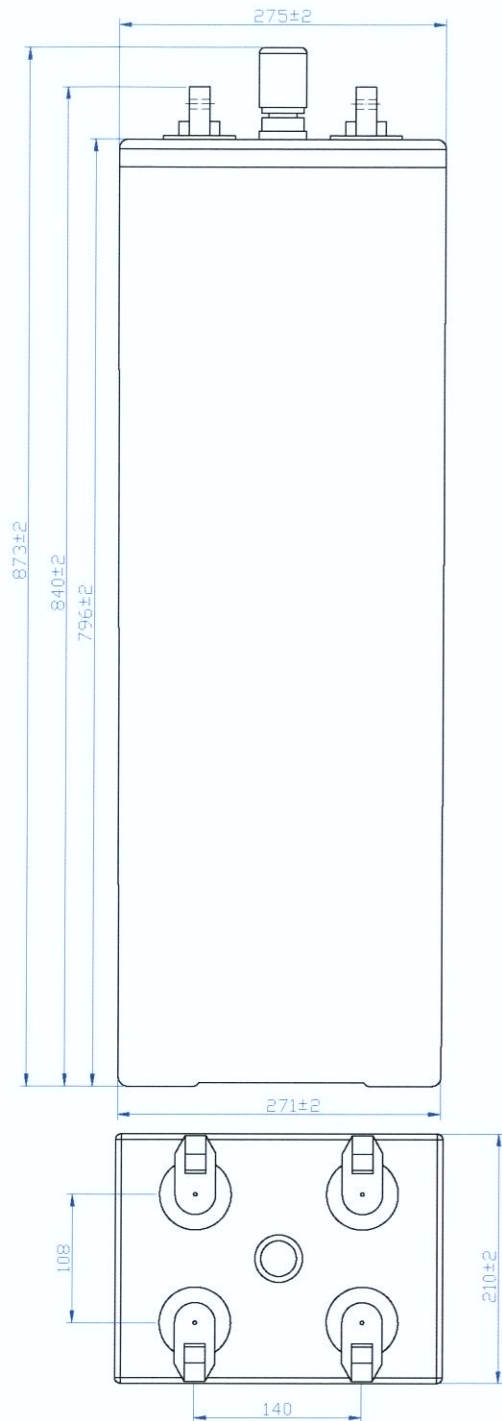
Nominal Voltage		2V
Nominal Capacity (10Hr)		1500Ah
Dimension	Length	210 ±2mm
	Width	275 ±2mm
	Container Height	843 ±2mm
	Total Height	873 ±2mm
Drawing 400192-0		Weight 110,0 Kg ± 5%
Standard Terminal		Bolt Type: S 8

ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C	
Capacity	10 hour rate	1500,00Ah		
	8 hour rate	1371,44Ah		
	5 hour rate	1214,30Ah		
	3 hour rate	1158,42Ah		
	1 hour rate	1008,93Ah		
Capacity affected by temperature	40°C	102%	<p>2-Depth of Discharge 100% 1-Depth of Discharge 50%</p>	
	20°C	100%		
	0°C	85%		
Internal Resistance 0,19 mΩ±10%		SCC 10850 A ±10%		
Charge Voltage	Standby	Max Charge Current 350 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	1377,00	935,99	773,57	520,00	400,71	257,43	180,00	157,50	20,38	17,29
	W	2183,84	1445,85	1108,08	936,00	702,41	489,40	349,58	283,50	36,79	31,21
1,70V	A	1330,71	895,99	746,43	501,43	386,14	255,00	178,29	156,00	20,58	17,46
	W	2082,27	1397,25	1069,20	904,24	682,61	487,09	347,93	281,77	36,65	31,09
1,80V	A	1157,14	800,00	678,57	464,29	364,29	242,86	171,43	150,00	19,79	16,79
	W	1692,90	1215,00	972,00	835,71	638,55	461,70	328,86	270,00	35,61	30,21



CODICE 10STA125 / CODE 10STA125: VOLTAGGIO / VOLTAGE : 2 V CAPACITÀ / CAPACITY (10 h) : 1250 Ah PESO / WEIGHT : 92±5% Kg
CODICE 12STA125 / CODE 12STA125: VOLTAGGIO / VOLTAGE : 2 V CAPACITÀ / CAPACITY (10 h) : 1500 Ah PESO / WEIGHT : 110±5% Kg
CODICE 14STA125 / CODE 14STA125: VOLTAGGIO / VOLTAGE : 2 V CAPACITÀ / CAPACITY (10 h) : 1750 Ah PESO / WEIGHT : 136±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: GRADO DI PRECISIONE/DEGREE OF ACCURACY NORMA UNI 5307/STANDARD UNI 5307			MATERIALE/MATERIAL: Pb-acide	R (N/nm2)	DUREZZA/HARDNESS:	PROGETTISTA/DESIGNER: R. PARENTI
SOSTITUISCE IL/SUPERSEDES:			PROGETTO GENERALE-COMPLESSIVO/GENERAL PLAN-TOTAL PLAN: ELEMENTI STAZIONARI ACIDO LIBERO/STATIONARY CELLS OPZS		DISEGNATO/DRAWN: S. BALDASSARRI	
SOSTITUITO DAL/SUPERSEDS BY:		NOME FILE/NAME FILE: 4 00192-1.dwg			APPROVATO/APPROVED: F. PAGLIARINI	
SCALA/SCALE: 1:6		FOGLIO/SHEET: A4	CODICE/COE: /	TIPO/TYPE: VASO APERTO/OPZS	VERSIONE/VERSION: CARICA/CHARGE	DATA/DATE: 13.11.2006
DENOMINAZIONE/PART DESCRIPTION: ELEMENTI STAZIONARI ACIDO LIBERO COD. 10STA125/12STA125/14STA125/ STATIONARY CELLS OPZS CODES 10STA125/12STA125/14STA125					DISEGNO N°-REV./ DRAWING N°-REV.:	TAV. 1



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