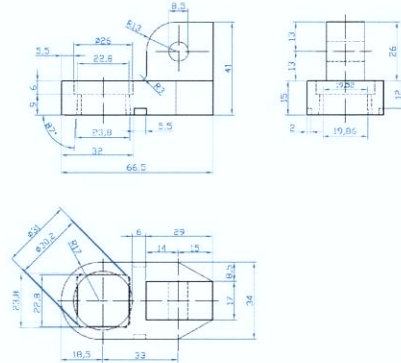
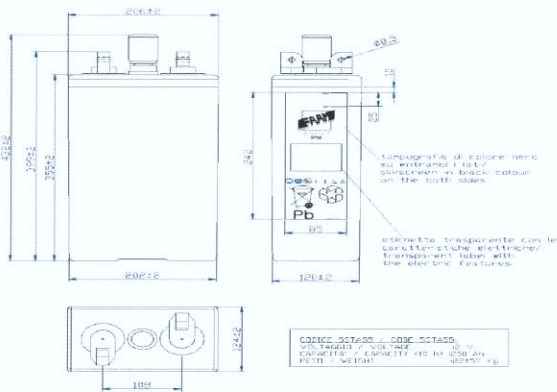




5STA55

PHYSICAL SPECIFICATION

Nominal Voltage		2V
Nominal Capacity (10Hr)		250Ah
Dimension	Length	124 ±2mm
	Width	206 ±2mm
	Container Height	402 ±2mm
	Total Height	432 ±2mm
Drawing 400223-0		Weight 22,0 Kg ± 5%
Standard Terminal		Bolt Type: S 8

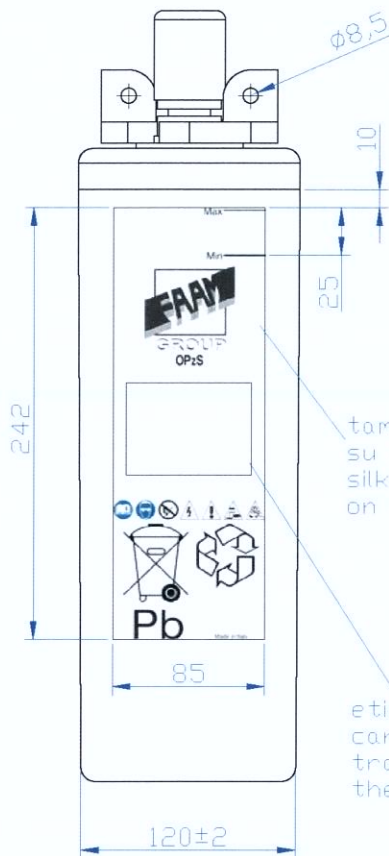
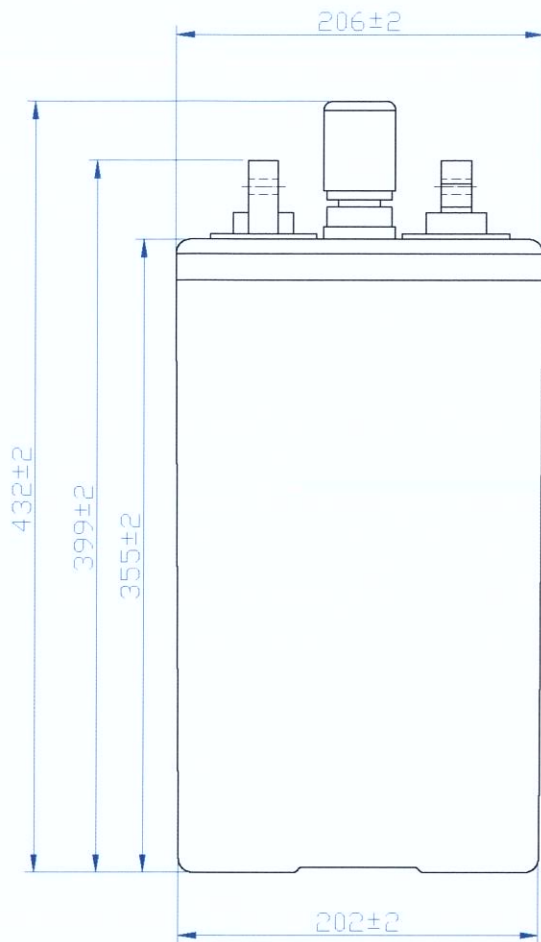


ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C	
Capacity	10 hour rate	250,00Ah	<p>Charge characteristic curve (20°C)</p> <p>2-Depth of Discharge 100% 1-Depth of Discharge 50%</p>	
	8 hour rate	244,80Ah		
	5 hour rate	221,90Ah		
	3 hour rate	205,44Ah		
	1 hour rate	145,05Ah		
Capacity affected by temperature	40°C	102%	<p>Charge characteristic curve (20°C)</p> <p>2-Depth of Discharge 100% 1-Depth of Discharge 50%</p>	
	20°C	100%		
	0°C	85%		
Internal Resistance 0,54 mΩ ± 10%		SCC 3350 A ± 10%	<p>Charge characteristic curve (20°C)</p> <p>2-Depth of Discharge 100% 1-Depth of Discharge 50%</p>	
Charge Voltage	Standby	Max Charge Current 50 A		
		Floating Voltage 2,23V at 20°C Boost Charge 2,40V at 20°C Temperature Coefficient -20 mV/°C		

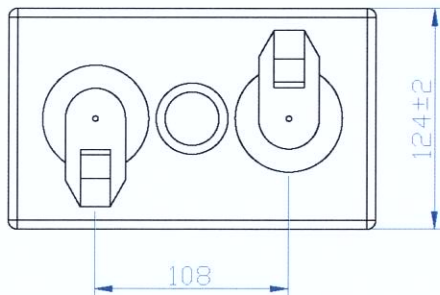
Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

Time		30 min	60 min	90 min	2 h	3 h	5 h	8 h	10 h	100 h	120 h
1,65V	A	216,78	141,42	110,11	92,27	71,06	47,04	31,50	26,25	3,40	2,88
	W	400,37	265,07	203,15	171,60	128,77	89,72	64,09	51,98	6,74	5,72
1,70V	A	205,10	137,19	107,93	90,45	68,48	46,59	31,20	26,00	3,43	2,91
	W	381,75	256,16	196,02	165,78	125,15	89,30	63,79	51,66	6,72	5,70
1,80V	A	166,75	120,88	98,75	82,75	64,60	44,38	30,00	25,00	3,30	2,80
	W	310,37	222,75	178,20	153,21	117,07	84,65	60,29	49,50	6,53	5,54



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 5STA55 / CODE 5STA55:
VOLTAGGIO / VOLTAGE :2 V
CAPACITA' / CAPACITY (10 h) :250 Ah
PESO / WEIGHT :22±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 INDICATION:			MATERIALE/MATERIAL:	R (N/mm 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 00223-1.dwg			F. PAGLIARINI
SCALA/SCALE:		Foglio/Sheet:	CODICE/Code:	Tipo/Type:	VERSIONE/VERSION:	DATA/DATE:
1:4		A4	5STA55	VASO APERTO/OPZS	CARICA/CHARGE	02.04.2007
DENOMINAZIONE/PART DESCRIPTION:					DISEGNO N°-REV./DRAWING N°-REV.:	TAV:
ELEMENTO STAZIONARIO ACIDO LIBERO COD. 5STA55/ STATIONARY CELL OPZS CODE 5STA55					4 00223-1	1



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