



8STG100

PHYSICAL SPECIFICATION

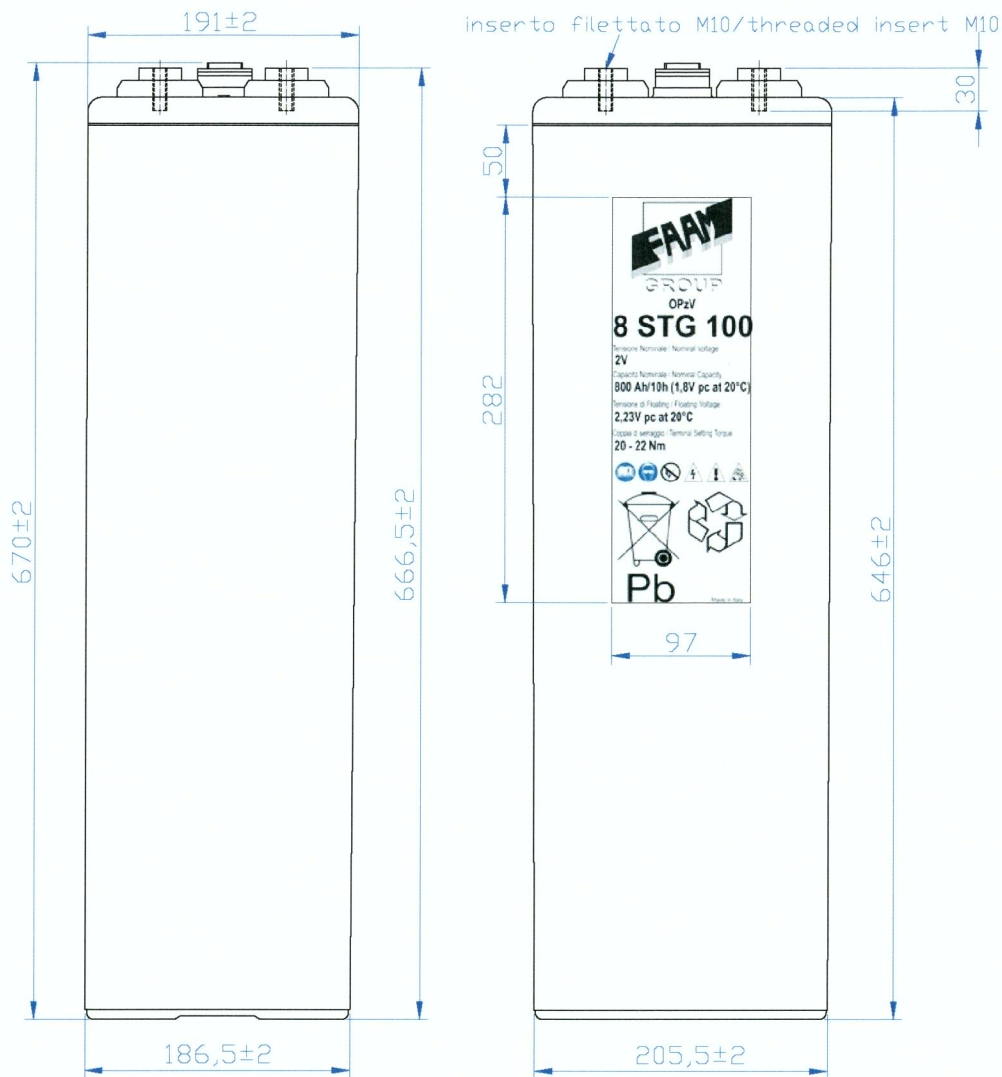
Nominal Voltage Nominal Capacity (10Hr)		2V 800Ah	Container and lid ABS, FV0 on request
Dimension	Length	210 ±2mm	
	Width	191 ±2mm	
	Container Height	646 ±2mm	
	Total Height	670 ±2mm	
Drawing 400258-0		Weight 68,0 Kg ± 5%	
Standard Terminal		Bolt Type: M10	
			Bolt-and-nut terminal Bolt Type: M10

ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C	
Capacity	10 hour rate	800,00Ah		
	8 hour rate	746,08Ah		
	5 hour rate	647,60Ah		
	3 hour rate	617,82Ah		
	1hour rate	537,60Ah		
Capacity affected by temperature	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 0,32 mΩ±10%		SCC 6500 A ±10%		
Charge Voltage	Standby	Max Charge Current 160 A Floating Voltage 2,23V at 20°C Best Charge 2,35V at 20°C Temperature Coefficient -20 mV/°C		

Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 25°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	734,40	499,20	412,57	277,33	213,71	137,30	96,00	84,00	10,87	9,22
	W	1071,09	883,70	744,85	616,62	483,48	322,18	227,41	191,10	21,93	18,37
1,70V	A	709,71	477,86	398,10	267,43	205,94	136,00	95,09	83,20	10,97	9,31
	W	1034,47	845,94	718,72	594,59	465,90	319,14	225,24	189,28	22,15	18,55
1,80V	A	617,14	426,66	361,90	247,62	194,29	129,52	91,43	80,00	10,55	8,95
	W	915,46	755,30	653,38	550,55	439,53	303,94	216,58	182,00	21,29	17,84



colour of silkscreen: black
 silkscreens on both sides
 colour of box and lid: light grey

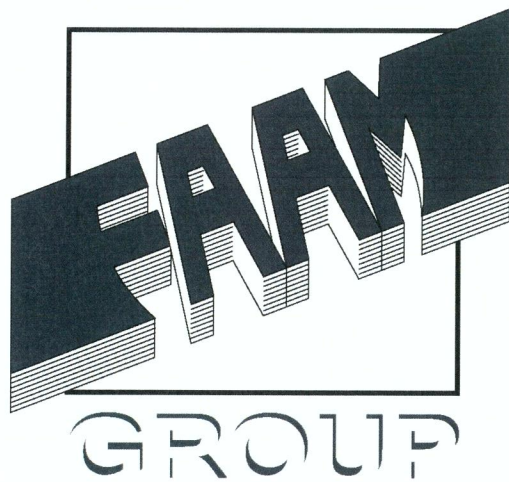
REV.	DATA/DATE	PROGETTISTA/DESIGNER	DISEGNATO/DRAWN	APPROVATO/APPROVED	DESCRIZIONE MODIFICHE/DESCRIPTION REVISIONS		
INDICAZIONI GENERALI/GENERAL INDICATION:			MATERIALE/MATERIAL:	R (N/mm ²):	DUREZZA/HARDNESS:	PROGETTISTA/DESIGNER:	
GRADO DI PRECISIONE/DEGREE OF ACCURACY			ABS/Pb-Ca			R. PARENTI	
NORMA UNI 5307/STANDARD UNI 5307			PRGETTO GENERALE-COMPLESSIVO/GENERAL PLAN-TOTAL PLAN			DISEGNATO/DRAWN:	
			ELEMENTI STAZIONARI/STATIONARY CELLS			S. BALDASSARRI	
SDSTITUISCE IL/SUPERSEDES:		SDSTITUITO DAL/SUPERSEDS BY:	NOME FILE/NAME FILE:			APPROVATO/APPROVED:	
			4 00258.dwg			F. PAGLIARINI	
SCALA/SCALE:		FOGLIO/SHEET:	CODICE/COE:	TIPO/TYPE:	VERSIONE/VERSION:	DATA/DATE:	
1:5		A4	8STG100	Series STG GEL	CARICA/CHARGE	30.10.2009	
DENOMINAZIONE/PART DESCRIPTION:						DISEGNO N°-REV./DRAWING N°-REV.:	TAV.:
ELEMENTO STAZIONARIO COD. 8STG100 (800Ah/10h) 2V gel/ STATIONARY CELL CODE 8STG100 (800Ah/10h) 2V gel						4 00258-0	1



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OPzV

8 STG 100

Tensione Nominale / Nominal Voltage

2V

Capacità Nominale / Nominal Capacity

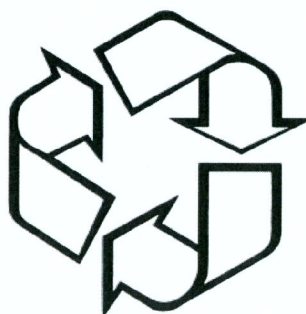
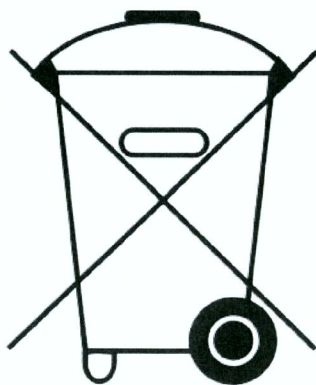
800 Ah/10h (1,8V pc at 20°C)

Tensione di Floating / Floating Voltage

2,23V pc at 20°C

Coppia di serraggio / Terminal Setting Torque

20 - 22 Nm



Pb

Made in Italy