



# 10STG100

## PHYSICAL SPECIFICATION

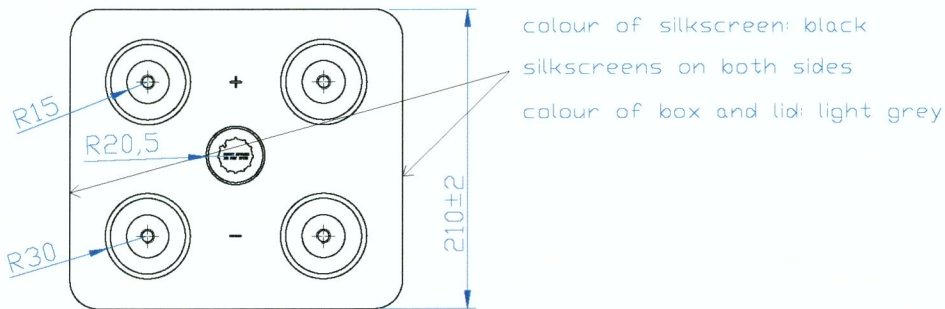
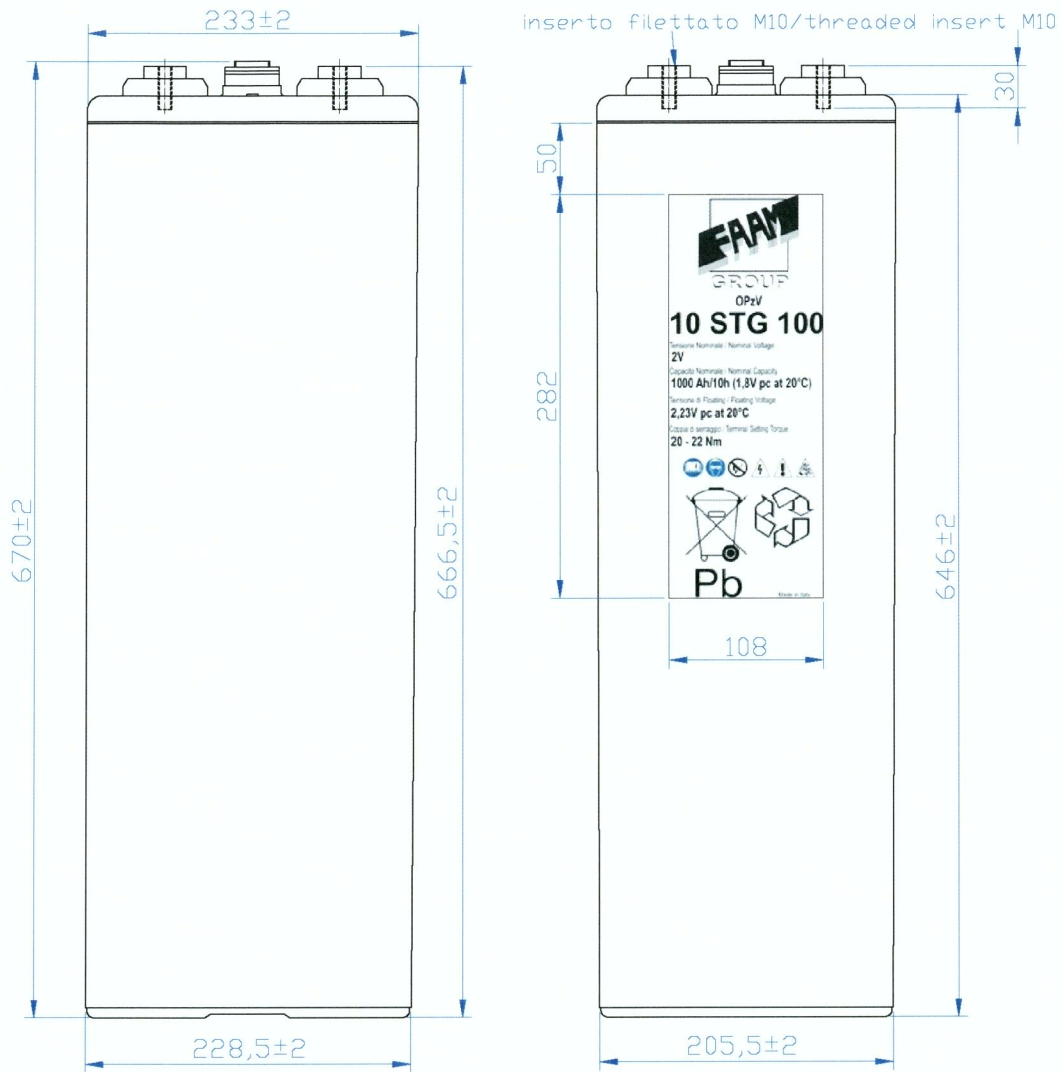
Nominal Voltage Nominal Capacity (10Hr)		2V 1000Ah	Container and lid ABS, FV0 on request
Dimension	Length	233 ±2mm	
	Width	210 ±2mm	
	Container Height	646 ±2mm	
	Total Height	670 ±2mm	
Drawing 400259-0		Weight 80,0 Kg ± 5%	
Standard Terminal		Bolt Type: M10	
			Bolt-and-nut terminal Bolt Type: <b>M10</b>

## ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C	
Capacity	10 hour rate	1000,00Ah		
	8 hour rate	932,56Ah		
	5 hour rate	809,50Ah		
	3 hour rate	772,29Ah		
	1 hour rate	672,00Ah		
Capacity affected by temperature	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 0,26 mΩ±10%		SCC 7750 A ±10%		
Charge Voltage	Standby	Max Charge Current 200 A Floating Voltage 2,23V at 20°C Bost Charge 2,35V 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	918,00	624,00	515,71	346,67	267,14	171,62	120,00	105,00	13,59	11,53
	W	1335,92	1102,20	929,02	769,08	603,03	401,84	283,64	238,35	27,36	22,91
1.70V	A	887,14	597,33	497,62	334,29	257,43	170,00	118,86	104,00	13,72	11,64
	W	1290,25	1055,10	896,42	741,61	581,10	398,04	280,94	236,08	27,62	23,14
1,80V	A	771,43	533,33	452,38	309,52	242,86	161,90	114,29	100,00	13,19	11,19
	W	1141,81	942,05	814,93	686,68	548,21	379,09	270,13	227,00	26,56	22,25

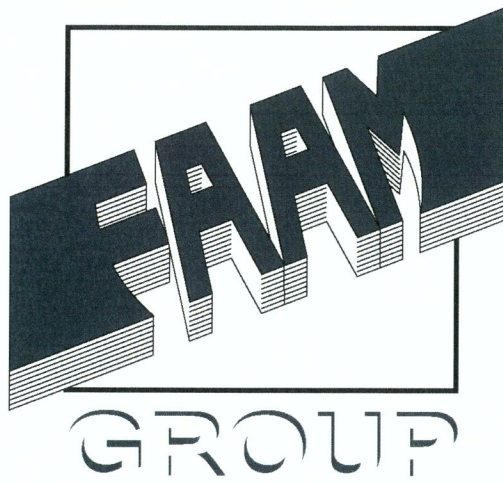


REV.	DATA/DATE	PROGETTISTA/DESIGNER	DISEGNATO/DRAWN	APPROVATO/APPROVED	DESCRIZIONE MODIFICHE/DESCRIPTION REVISIONS
INDICAZIONI GENERALI/GENERAL INDICATIONS		MATERIALE/MATERIAL		R (N/mm <sup>2</sup> )	DUREZZA/HARDNESS
GRADO DI PRECISIONE/DEGREE OF ACCURACY		ABS/Pb-Ca			PROGETTISTA/DESIGNER
NORMA UNI 5307/STANDARD UNI 5307		PROGETTO GENERALE-COMPLESSIVO/GENERAL PLAN-TOTAL PLAN			DISEGNATO/DRAWN
SOSTITUISCE IL/SUPERSEDES		SOSTITUITO DAL/SUPERSEDS BY		NOME FILE/NAME FILE	
				4 00259.dwg	
SCALA/SCALE		FOLGIO/SHEET	CODICE/COE	TIPO/TYPO	VERSIONE/VERSION
1:5		A4	10STG100	Series STG GEL	CARICA/CHARGE
DENOMINAZIONE/PART DESCRIPTION					DATA/DATE
ELEMENTO STAZIONARIO COD. 10STG100 (1000Ah/10h) 2V gel/ STATIONARY CELL CODE 10STG100 (100Ah/10h) 2V gel					30.10.2009
					DISEGNO N°-REV./ DRAWING N°-REV.
					4 00259-0
					TAV./
					1



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OPzV

# 10 STG 100

Tensione Nominale / Nominal Voltage

**2V**

Capacità Nominale / Nominal Capacity

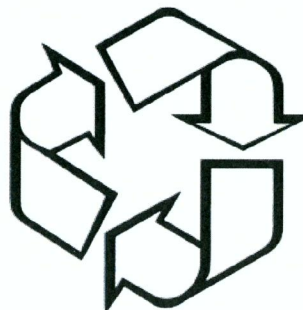
**1000 Ah/10h (1,8V pc at 20°C)**

Tensione di Floating / Floating Voltage

**2,23V pc at 20°C**

Coppia di serraggio / Terminal Setting Torque

**20 - 22 Nm**



**Pb**

Made in Italy