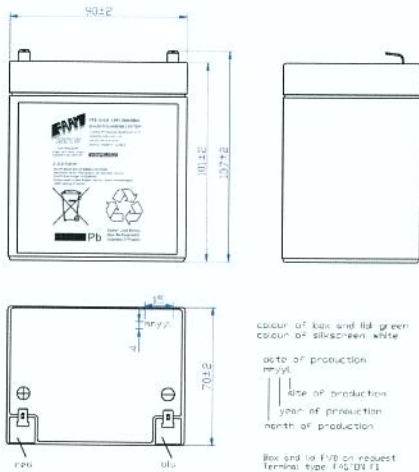




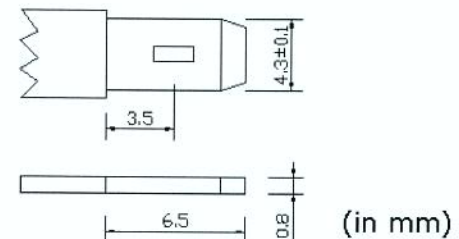
FTS 12-5.0

PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20Hr)		5Ah
Dimension	Length	90 ±2mm
	Width	70 ±2mm
	Container Height	101 ±2mm
	Total Height	107 ±2mm
Drawing 400285-0		Weight 1,65 Kg ± 5%
Standard Terminal		Bolt Type: F1



F1 Standard Terminal

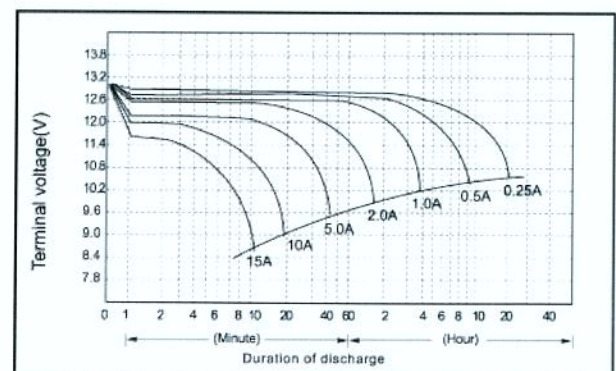


ELECTRICAL SPECIFICATION

Characteristics

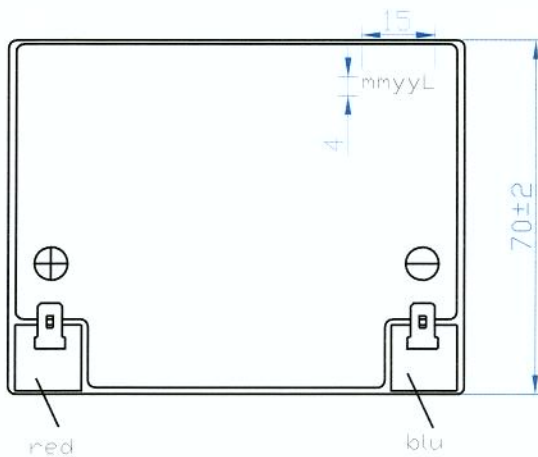
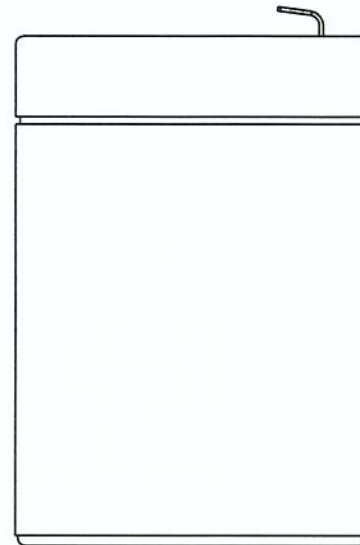
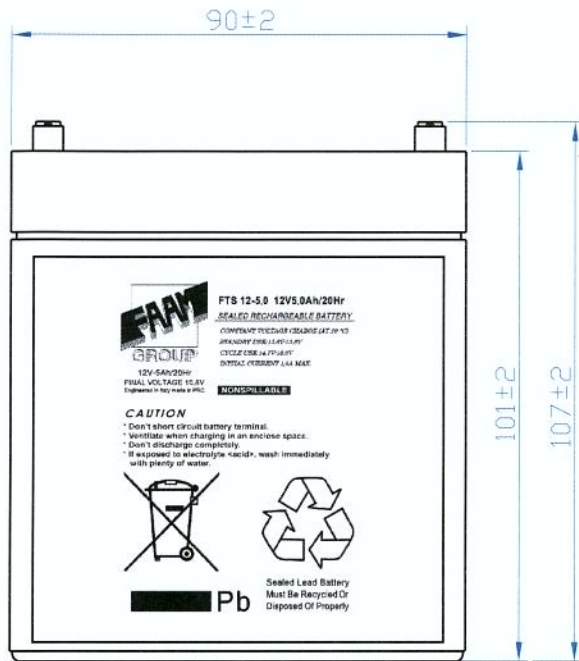
Capacity	20 hour rate	5,00Ah
	10 hour rate	4,50Ah
	5 hour rate	4,00Ah
	3 hour rate	3,54Ah
	1hour rate	3,45Ah
Capacity affected by temperature	40°C	102%
	20°C	100%
	0°C	85%
Internal Resistance 33 mΩ±10%		
Constant Voltage Charge	Cycle	Initial Charging Current less than 1,5A Voltage 14,70~15,00V at 20°C Temperature Coefficient -30 mV/°C
	Standby	No limit on Initial Charging Current Voltage 13,60~13,80V at 20°C Temperature Coefficient -20 mV/°C

Discharge curves @ 25°C (77 °F)



Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 25°C

Time		5min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9,90V	A	17,25	9,00	5,48	3,25	1,75	1,41	1,23	0,85	0,56	0,48
	W	28,46	14,85	9,04	5,36	2,89	2,13	1,68	1,40	0,93	0,79
10,2V	A	16,36	8,47	5,10	3,09	1,69	1,35	1,18	0,83	0,55	0,47
	W	26,99	13,97	8,42	5,10	2,79	2,03	1,62	1,37	0,90	0,77
10,8V	A	14,51	7,26	4,53	2,77	1,58	1,27	1,14	0,80	0,53	0,45
	W	23,93	11,98	7,47	4,57	2,60	1,94	1,56	1,31	0,87	0,75



colour of box and lid: green
 colour of silkscreen: white

date of production:
 mmyyL
 | site of production
 | year of production
 | month of production

Box and lid FV0 on request
 Terminal type: FASTON F1

REV.	DATA/DATE	PROGETTISTA/DESIGNER	DISEGNATO/DRAWN	APPROVATO/APPROVED	DESCRIZIONE MODIFICHE/DESCRIPTION REVISIONS
INDICAZIONI GENERALI/GENERAL INDICATION:			MATERIALE/MATERIAL:	R (N/m2):	DUREZZA/HARDNESS:
GRADO DI PRECISIONE/DEGREE OF ACCURACY			ABS Pb/Ca		PROGETTISTA/DESIGNER:
NORMA UNI 6307/STANDARD UNI 6307			PROGETTO GENERALE-COMPLESSIVO/GENERAL PLAN-TOTAL PLAN:		DISEGNATO/DRAWN:
			BATTERIE STAZIONARIE/STATIONARY BATTERY		S. BALDASSARRI
SOSTITUISCE IL/SUPERSEDES:		SOSTITUITO DAL/SUPERSEDS BY:	NOME FILE/NAME FILE:		APPROVATO/APPROVED:
			4 00285.dwg		F. PAGLIARINI
SCALA/SCALE:		FOGLIO/SHEET:	CODICE/COE:	TIPO/TYPE:	VERSIONE/VERSION:
1:1.5		A4	FTS 12-5.0	Series VRLA AGM	CARICA/CHARGE
DENOMINAZIONE/PART DESCRIPTION:					DATA/DATE:
BATTERIA STAZIONARIA COD. FTS 12-5.0 12V 5.0Ah/20h /					25.02.2010
STATIONARY BATTERY CODE FTS 12-5.0 12V 5.0Ah/20h					DISEGNO N°-REV./
					DRAWING N°-REV.:
					TAV:
					4 00285-0
					1



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12V-5Ah/20Hr
FINAL VOLTAGE 10,8V
Engineered in Italy made in PRC

FTS 12-5,0 12V5,0Ah/20Hr

SEALED RECHARGEABLE BATTERY

CONSTANT VOLTAGE CHARGE (AT 30 °C)

STANDBY USE: 18,6V-18,8V

CYCLE USE: 14,7V-16,0V

INITIAL CURRENT 1,6A MAX.

NONSPILLABLE

CAUTION

- * Don't short circuit battery terminal.
- * Ventilate when charging in an enclosed space.
- * Don't discharge completely.
- * If exposed to electrolyte <acid>, wash immediately with plenty of water.



Pb

Sealed Lead Battery
Must Be Recycled Or
Disposed Of Properly