
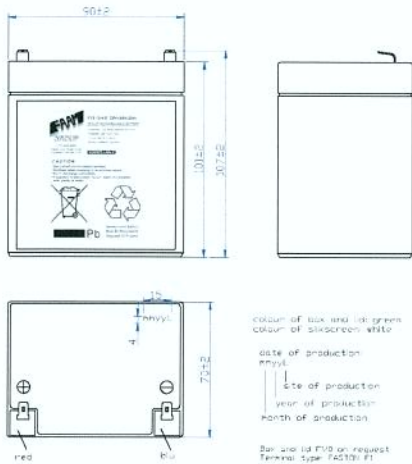


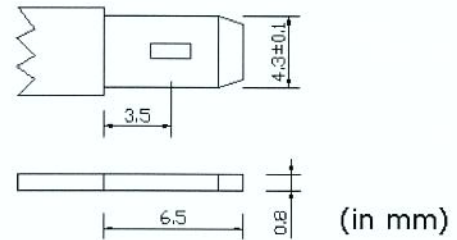
| | |
|----------------------------------------------------------------------------------|-------------------|
|  | FTS 12-4.0 |
|----------------------------------------------------------------------------------|-------------------|

PHYSICAL SPECIFICATION

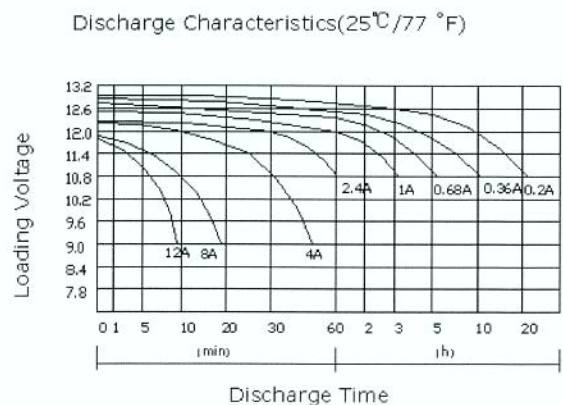
| | | |
|-------------------------|------------------|---------------------|
| Nominal Voltage | 12V | |
| Nominal Capacity (20Hr) | 4Ah | |
| Dimension | Length | 90 ±2mm |
| | Width | 70 ±2mm |
| | Container Height | 101 ±2mm |
| | Total Height | 107 ±2mm |
| Drawing 400274-0 | | Weight 1,65 Kg ± 5% |
| Standard Terminal | | Bolt Type: F1 |



F1 Standard Terminal

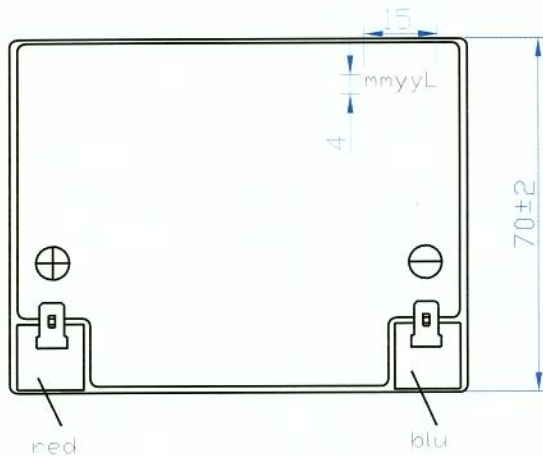
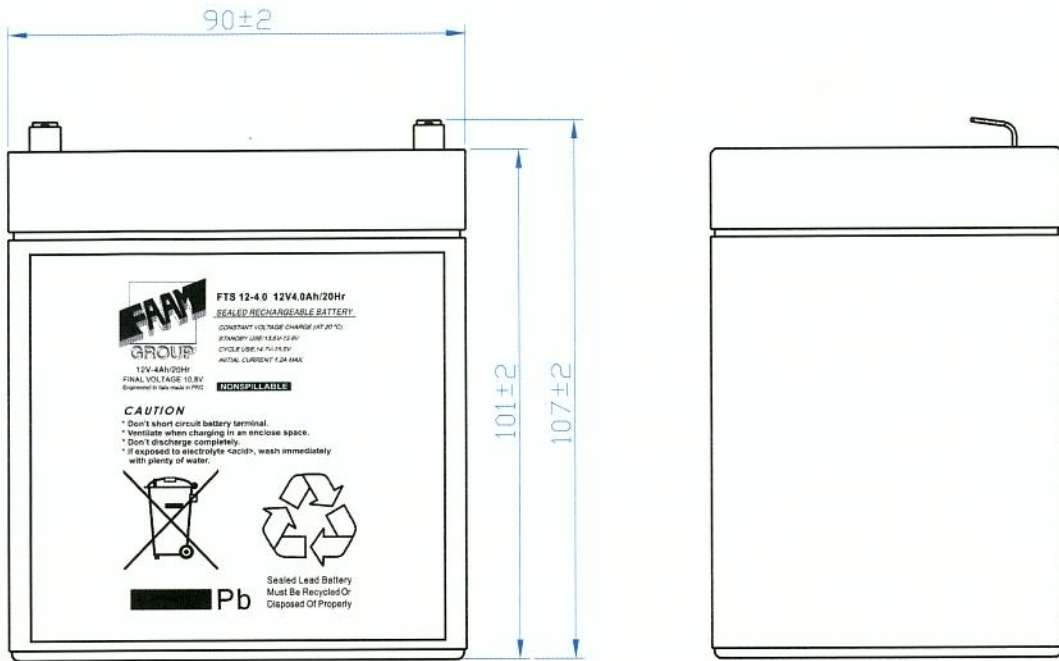


ELECTRICAL SPECIFICATION

| Characteristics | | | Discharge curves @ 25°C (77 °F) |
|----------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity | 20 hour rate 10 hour rate 5 hour rate 3 hour rate 1 hour rate | 4,00Ah 3,60Ah 3,30Ah 2,82Ah 2,75Ah |  <p style="font-size: 8px;">Discharge Characteristics(25°C/77 °F)</p> |
| Capacity affected by temperature | 40°C 20°C 0°C | 102% 100% 85% | |
| Internal Resistance 40 mΩ±10% | | | |
| Constant Voltage Charge | Cycle | Initial Charging Current less than 1,2A 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 | |

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 | 13,80 | 7,20 | 4,38 | 2,60 | 1,40 | 1,13 | 0,98 | 0,68 | 0,45 | 0,38 |
| | W | 22,77 | 11,88 | 7,23 | 4,29 | 2,31 | 1,70 | 1,34 | 1,12 | 0,74 | 0,63 |
| 10,2V | A | 13,09 | 6,77 | 4,08 | 2,47 | 1,35 | 1,08 | 0,94 | 0,66 | 0,44 | 0,37 |
| | W | 21,59 | 11,18 | 6,73 | 4,08 | 2,23 | 1,62 | 1,29 | 1,09 | 0,72 | 0,62 |
| 10,8V | A | 11,60 | 5,81 | 3,62 | 2,22 | 1,26 | 1,02 | 0,91 | 0,64 | 0,42 | 0,36 |
| | W | 19,15 | 9,59 | 5,98 | 3,66 | 2,08 | 1,55 | 1,24 | 1,05 | 0,70 | 0,60 |



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: | PROGETTISTA/DESIGNER: | |
| GRADO DI PRECISIONE/DEGREE OF ACCURACY | | | ABS Pb/Ca | | | R. PARENTI | |
| 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 00274.dwg | | F. PAGLIARINI | |
| SCALA/SCALE: | | FOGLIO/SHEET: | CODICE/COE: | TIPO/TYPE: | VERSIONE/VERSION: | DATA/DATE: | |
| 1:1.5 | | A4 | FTS 12-4.0 | Series VRLA AGM | CARICA/CHARGE | 10.02.2010 | |
| DENOMINAZIONE/PART DESCRIPTION: | | | | | | DISEGNO N°-REV./DRAWING N°-REV.: | TAV.: |
| BATTERIA STAZIONARIA COD. FTS 12-4.0 12V 4.0Ah/20h / | | | | | | 4 00274-0 | 1 |
| STATIONARY BATTERY CODE FTS 12-4.0 12V 4.0Ah/20h | | | | | | | |



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12V-4Ah/20Hr
FINAL VOLTAGE 10,8V
Engineered in Italy made in PRC

FTS 12-4,0 12V4,0Ah/20Hr

SEALED RECHARGEABLE BATTERY

CONSTANT VOLTAGE CHARGE (AT 20 °C)

STANDBY USE:13.6V-13.8V

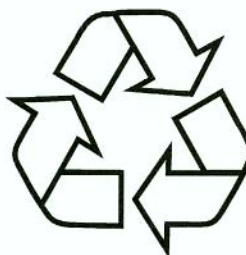
CYCLE USE:14.7V-15.0V

INITIAL CURRENT 1,2A 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