



STANDBY BATTERIES



EXCIS™

PRODUCT AND SERVICE BENEFITS

- ❖ Countrywide network of branches and agencies.
- ❖ A comprehensive product warranty.

**Maintenance Free
Factory Sealed
Never Add Water**

SALIENT DESIGN FEATURES

- ❖ LONG FLOAT LIFE
- ❖ HIGH CYCLING DESIGN
- ❖ EXCEPTIONAL HIGH RATE PERFORMANCE
- ❖ ENHANCED SAFETY
- ❖ EASY TO MAINTAIN

Calcium alloy grids and plates to minimise corrosion.
Envelope separators to eliminate internal short circuits.
High density active material formulation.
Glass matt backed separators for active material retention.

Oversized internal inter-cell connector cross section.
Central venting system.
Flashback arrestor.
High impact strength container.
Built in State of Charge Indicator
Locally manufactured

CONSTANT POWER DISCHARGE DATA DOWN TO 10.2V (1.7) AT 25°C (WATTS PER CELL)

Type	10 Min	15 Min	20 Min	25 Min	30 Min	45 Min	60 Min
FMF102	341	264	213	187	166	141	113
FMF 230	784.3	607.2	489.9	430	381.8	324.30	259.9

CONSTANT CURRENT DISCHARGE DATA DOWN TO 10.2V (1.7) AT 25°C (AMPS)

Type	1 Hour	2 Hour	3 Hour	4 Hour	5 Hour	8 Hour	10 Hour
FMF 102	58.9	35	25.1	20.7	16.3	12	9.18
FMF 230	135.5	80.5	57.7	47.6	37.5	27.6	22.52

RANGE TABLE:

FMF 230 does not have a magic eye.

Type	Capacity at 20 Hr	Mass	Dimensions				Terminal
			Length	Width	Height	Height Incl. Terminal	
FMF 102	102	26.5	328	171	219	239	Stud
FMF 230	230	60.5	517	276	217	240	Lug

**Corner Liverpool & Bristol Roads,
Benoni South, 1502
P.O. Box 5015 Benoni South, 1502
South Africa
Telephone: +27 11 741 3600
Fax: +27 11 421 2642**

In the interests of continuing advancement we reserve the right to modify specifications without prior notice.
Copyright subsists in this work. Any unauthorised reproduction, adaption and copying of this document are acts of copyright infringements and entitles First National Battery to take action.



**For More Information Contact:
FIRST NATIONAL BATTERY
TOLL FREE: 0800 112600
www.battery.co.za**

Excis: December 2016