



**FIRST
NATIONAL
BATTERY™**
INDUSTRIAL (PTY) LTD

THROUGH CARING WE LEAD

EXCIS™

**Maintenance Free
Factory Sealed - Never Add
Water**



Product and Service Benefits

- Now manufactured in South Africa by First National Battery.
- Countrywide network of branches and agencies.
- A comprehensive product warranty.

Salient Design Features

- **LONG FLOAT LIFE:** Calcium alloy grids and plates to minimise corrosion.
Envelope separators to eliminate internal short circuits.
- **HIGH CYCLING DESIGN:** High density active material formulation.
Glass matt backed separators for active material retention.
- **EXCEPTIONAL HIGH RATE PERFORMANCE:** Oversized internal inter-cell connector cross section.
- **ENHANCED SAFETY:** Central venting system.
Flashback arrestor.
High impact strength container.
- **EASY TO CONNECT:** Available with stud or taper terminals.
- **EASY TO MAINTAIN:** Built in State of Charge Indicator.

Technical Details

12 Volt 102 Ah (C₂₀, 25°C) Dry Weight : 19kg, Wet Weight: 26.5 kg

Constant Power Discharge Data (Watts per cell at 25°C)

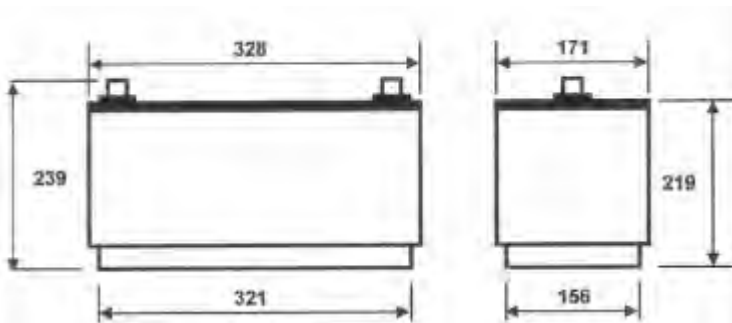
VPC	5 Min	10 Min	15 Min	20 Min	30 Min	45 Min	60 Min
1.60	495	358	280	227	172	142	113
1.65	485	350	272	221	169	142	113
1.70	474	341	264	213	166	141	113
1.75	440	318	250	200	163	138	112

Constant Current Discharge Data (Amps at 25°C)

VPC	5 Min	10 Min	15 Min	20 Min	30 Min	45 Min	60 Min
1.60	285	200	154	124	92.2	75.5	61.8
1.65	276	193	150	121	90.7	75.0	59.4
1.70	266	186	143	114	87.9	74.1	58.9
1.75	242	172	134	106	86.0	72.2	58.0

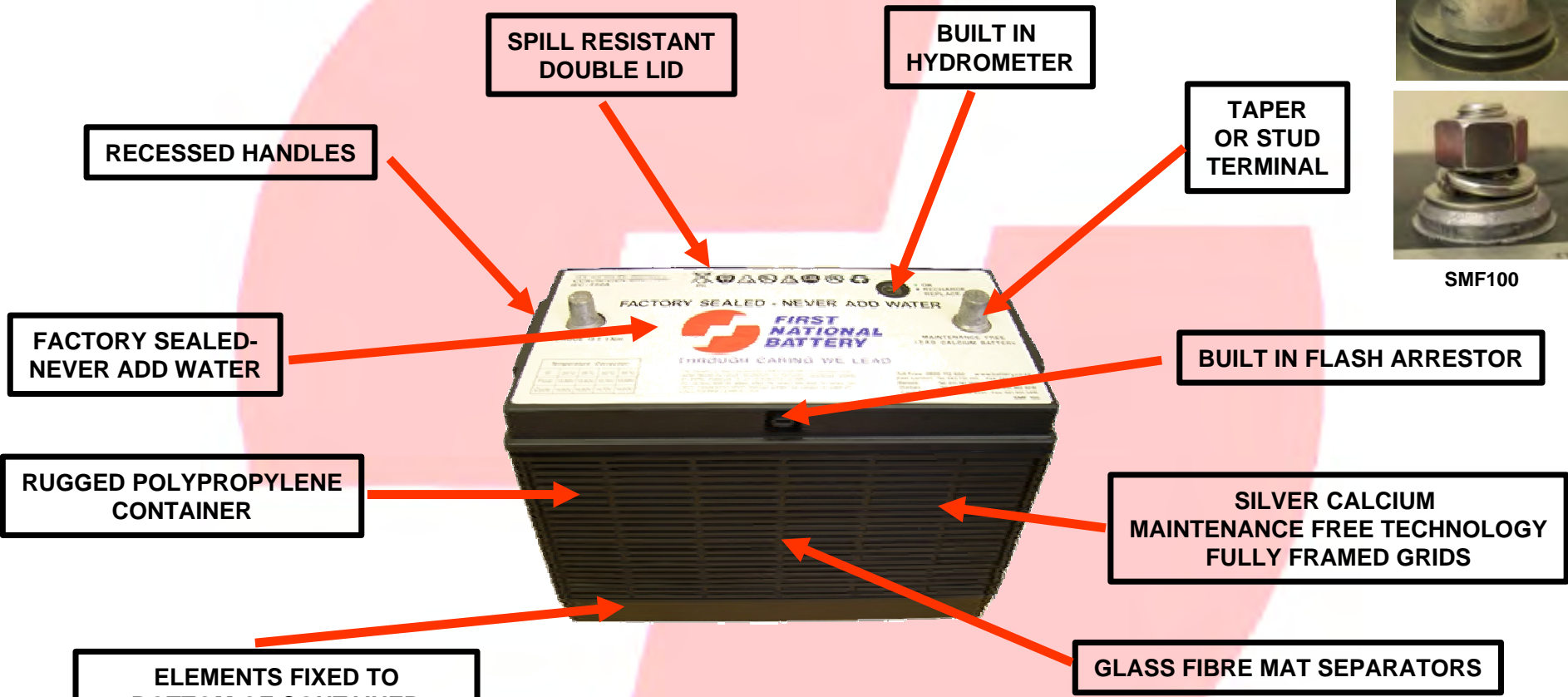
Constant Current Discharge Data (Amps at 25°C)

VPC	2 Hour	3 Hour	5 Hour	10 Hour	20 Hour	72 Hour	100 Hour
1.75	35.0	25.1	16.3	9.18	5.10	1.45	1.05
1.80	33.9	24.4	15.9	8.91	4.83	1.42	1.01
1.85	32.5	23.5	15.4	8.60	4.62	1.38	0.99



For more information
contact
FIRST NATIONAL BATTERY INDUSTRIAL
CALL TOLL FREE
0800 112600

FACTORY SEALED MAINTENANCE FREE SILVER CALCIUM BATTERY



12V 102 Ah
RESERVE CAPACITY 180 min.
CCA SAE 700
IEC 450
DIN 400

