FIRST NATIONAL BATTERY ™

THROUGH CARING WE LEAD

Li-ion Maintenance Free Miners' Caplamp

Li-ion TECHNOLOGY

Complies With:

SANS 1438
DME Approved

Designed in:
South Africa

FIRST NATIONAL BATTERY ™
THROUGH CARING WE LEAD

This new lamp is the definitive paradigm shift in the Miner's Cap Lamp evolution — from wood chips to space age LED lighting.

TC 1 AND TC2 FEATURES AND BENEFITS:

- Patented optic design
- Auxiliary light
- Full RFID capability
- Impact resistant bezel guard
- Intrisically safe
- Internal bezel ring
- Safe Lithium Ion technology
- Legendary FNB rugged design
- 30% smaller
- 60% Lighter
- Will last 30% longer

APPLICATIONS:

- Underground mining
- Security, telecommunications, electricity, water and sewerage maintenance
- Ambulance, fire-fighting and other emergency services
- Motor vehicle breakdown utilities
- Recreation i.e. fishing, camping, caravanning
- Emergency lighting in the home

FEATURE	UNIT	VALUE	
Nominal Voltage	Volt	3.7	
Rated Capacity	Amp hour	7.0	
Operating Times, Light Only, Fully Charged Battery • Main Light Only • Auxiliary Light Only	Hours Hours	24 52	
Peaklight Output Levels • Main Light • Auxiliary Light	Candela Candela	> 6 000 > 2 400	
Current draw • Main Light • Auxiliary Light	mA mA	250 120	
Battery Design Life @ 25°C	Cycles	800 – 1 000	
Battery Recharge Time (from 90% discharged)	Hours	10 max	
LED Design Life	Hours	50 000	
Operating Temperature Range	Celsius	0° - 50°	
Protection		Ex ia I/IIC T4	
		Model TC1	**Model TC2**
Lamp Weights (Excluding Auxiliary Devices)	gm.	620	690
Battery Dimensions: • Length • Width • Height	mm mm mm	70 51 108	110 54 108
Head Piece and Cable Weight	gm.	305	
Cable Length	mm	1 600	

June 2013