



mobile synergy

Batteries for TPMS

Tire Pressure Monitoring System

- Lithium-Thionyl-Chloride
- 3.6V
- High Temperature of 125°C
- High Speed
- High Centrifugal Forces

BE-Power offers an efficient program of batteries. Lightweight, small and reliable.



BE-Power GmbH

Ruhberg 8 · D-35463 Fernwald-Steinbach

Tel.: +49 (0) 64 04 - 20 51 5 - 0 · Fax: +49 (0) 64 04 - 20 51 5 - 29

e-mail: info@be-power.de · web: www.be-power.de

TPMS Batteries

Lithium-Thionyl-Chloride LiSOCl_2

Cylindrical Type	Dimension (Diameter x Height)	Voltage	Capacity
ER13150	13.0mm x 15.0mm	3.7V	320mAh
ER14250	14.5mm x 25.4mm	3.7V	750mAh
ER3265 (1/10D)	32.9mm x 7.1mm	3.7V	1000mAh
ER32100 (1/6D)	32.9mm x 10.5mm	3.7V	1400mAh



Button Cell Type	Dimension (Diameter x Height)	Voltage	Capacity
ER1860	18.2mm x 6.2mm	3.7V	250mAh
ER2450	24.5mm x 5.8mm	3.7V	500mAh

Prismatic Type	Dimension (Length x Width x Height)	Voltage	Capacity
EF651625	25.8mm x 16.8mm x 6.8mm	3.7V	700mAh
EF651615	16.8mm x 15.8mm x 6.8mm	3.7V	400mAh

Further sizes and capacities are available on request.

All batteries are able to be equipped with different kind of terminals.

Tire pressure failure is a primary factor to lead to traffic accidents. Therefore it is an urgent issue to control the tire pressure and to find the gas leakage in time to prevent tire explosion or accident. **BE-Power** offers several types of high-energy Lithium-Thionyl-Chloride batteries especially usable in TPMS systems. The small sized batteries are designed for small and lightweight systems running on high speed and high centrifugal force.

Key features of the cells are:

- High operating temperature, up to 125°C
- Long shelf and service life of 10 years @ ambient temperature and low current drain
- High specific energy (450Wh/kg)
- Low self discharge
- Safe and reliable (UL and UN recognized)
- Easy to mount

All batteries are manufactured according to RoHS regulation.