



LITHIUM BATTERY  
TECHNICAL DATASHEET  
**CONFIDENTIAL**

## 1. DOCUMENT TREACABILITY

Revision	Date	Author	Modification
A	17 <sup>th</sup> Dec 2019	G.PAVERO	First release
B	24 <sup>th</sup> April 2020	G.PAVERO	Delete DC + MSDS

## 2. BATTERY GENERAL INFORMATION



Battery reference	E78003
Associated headlamp reference	PIXA 3R
Battery commercial name	Rechargeable battery for PIXA 3R
Architecture	Single cell (Prismatic)
Battery technology	Lithium-Polymer (Li-Po)
IEC61960 classification	ND
Capacity	900 mAh
Nominal voltage	3,7 Volts
Power	3,33 Wh
Battery pack dimensions	45 x70 x20 millimeters
Battery pack weight	36,5 grams
Battery pack energy density	184 Wh/l
Cell manufacturer	AEnergy cell integrated by Sunwoda Electronic Co. 1/F, 2/F of area A & B & D, 3-9F Administration Bldg., 2 Yihe Rd., Shilong Community, Shiyan Str., Baoan, Shenzhen 518108 (P.R. CHINA)

### 3. BATTERY COMPLIANCE SUMMARY

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Battery compliant to requirements for potentially explosive atmosphere (IEC 60079 standard family)

### 4. BATTERY TRANSPORTATION – UN38.3 COMPLIANCE

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PETZL’s product batteries have been successfully tested and comply with the UN Manual of Test and Criteria, Part III, subsection 38.3, Revision 3, Amendment 1 or any subsequent revision and amendment. Product batteries have been manufactured under a quality management program as specified in 2.9.4 of the UN Model Regulations.

UN38.3 Clause	Tests	Results
38.3.4.1 (T1)	Altitude simulation	PASS
38.3.4.2 (T2)	Thermal test	PASS
38.3.4.3 (T3)	Vibration	PASS
38.3.4.4 (T4)	Shock	PASS
38.3.4.5 (T5)	External short circuit	PASS
38.3.4.6 (T6)	Crush	PASS
38.3.4.7 (T7)	Overcharge	PASS
38.3.4.8 (T8)	Forced discharge	PASS

PETZL product cells are rated at 20 Watt-hours or less and batteries are rated at 100 Watt- hours or less. PETZL products meet the requirements for transportation under:

- UN Model Regulations Special Provisions 188 and 230
- International Civil Aviation Organization (ICAO) Technical Instructions and the International Air Transport Association (IATA) Dangerous Goods Regulations Packing Instructions:
  - 965 Section IB or Section II (UN3480, Lithium ion batteries at a state of charge (SOC) not exceeding 30%)
  - 966 Section II (UN3481, Lithium ion batteries packed with equipment)
  - 967 Section II (UN3481, Lithium ion batteries contained in equipment)
- International Maritime Organization (IMO) Special Provisions 188 and 230
- European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR) Special Provisions 188 and 230.

## 5. CONTACT INFORMATION

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Please find your local contact information on the PETZL's website at [www.petzl.com](http://www.petzl.com)

## 6. SIGNATURE

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PETZL certify, under its sole responsibility, that all the information which are provided above are valid and true to the best of our knowledge.

Place of signature : **CROLLES (FRANCE)**

NAME : **GUILLAUME PAVERO**

Date of signature : **24<sup>th</sup> April 2020**

TITLE : **REGULATORY COMPLIANCE MANAGER**

  
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*Guillaume Pavero*