



LITHIUM BATTERY
TECHNICAL DATASHEET
CONFIDENTIAL

1. DOCUMENT TREACABILITY

Revision	Date	Author	Modification
A	03 th Nov 2020	G.PAVERO	First release

2. BATTERY GENERAL INFORMATION



Reference	E02 P4 (Duracell DL2032)
Associated headlamp reference	E+Lite
Architecture	Single cell (1 lithium cell)
Battery technology	Lithium
IEC61960 classification	ND
Capacity	ND
Nominal voltage	3 Volts
Power	ND
Battery pack dimensions	CR2032
Battery pack weight	3,1 grams
Battery pack energy density	ND
Cell manufacturer	DURACELL CHINA LTD

3. BATTERY TRANSPORTATION – UN38.3 COMPLIANCE

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.

4. CONTACT INFORMATION

Please find your local contact information on the PETZL's website at www.petzl.com

5. SIGNATURE

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 : **03th November 2020**

TITLE : **REGULATORY COMPLIANCE MANAGER**


Petzl Distribution
Site Crolles
Z.I. Crolles, 132 rue du Pré Blanc
38920 Crolles, France / Cédex 106 A
Tél. +33 4 78 92 09 00
RCS Grenoble 388 381 642 / SAS au Capital de 688,440 €

