



EU Type Examination Certificate

Date: 2022/07/19

n. **987222901/OE**

Validity:
2027/07/18

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

Manufacturer: **SMART RIDER Ltd**
(Responsible of the PPE) Mishmar Hanegev, 46 – 8531500 ISRAEL.

Type of PPE: **Motorcyclists' inflatable protectors.**

Category of PPE: **II: "medium" risks.**
This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force.

Model **"SPARK MOTO"**

Description: Inflatable protector vest for motorcycling use:



code A01: 100% Polyester 600 D

code A02: reflective material: TC reflective fabric (TC is 35% cotton, 65% polyester)

code A03: black three-dimensional fabric 100% polyester

code A04: black perforated knitting 100% polyester

code A05: yellow fabric declared 100% Nylon

code A08: black Polyester webbing with elastic band

code A06 (hook) + code A07 (loop): strip of black fabric as code A01 with Hook and loop Velcro type adjustment

Zip for opening the inner layer to insert the protector bag.

(for referenced codes SEE picture p.2).

Technical Standard: **EN 1621-4:2013** Motorcyclists' protective clothing against mechanical impact – part 4: Motorcyclists' inflatable protectors – requirements and test methods.

Intended use: preventive use against mechanical impacts during motorcycling activities. This item must always be properly connected with the motorcycle and implemented with other suitable motorcycling P.P.E in order to ensure the most complete protection of the body.

Size range:

SIZE:	CB = CENTRAL BACK Waist to shoulder length (in cm) in accordance with EN 1621-2:2014	for: Chest girth Waist girth Height
M	39-42	SEE CE-Marking / Information Notice
L	42-45	
XL	45-47	

Technical File: **DC-13500**

Test report: **RCT n° 4112732/E**





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Functions and performance on the BACK area:

Method: "Kerbstone" impactor at 50 J – impact absorbtion values notation:

State: inflated, test performed after 25 s (>25s).

mean value: 1,58kN (size XL)

Overall mean value and performance level reached = **level 2** (req. ≤2,5).

Typical values obtained – for any other results see Test Report

Note: The Standard provides 2 performance levels with level 2 meaning the higher performance.

The protective functions depend also on the correct positioning of the protector, which falls within the responsibility of the user.

Marking:

printed on a label attached to the protector and displaying the following information:



- **CE Marking;**

- item designation;

- Brand & Logo of the Manufacturer;

- Legal Company Name + web-site (another label);

- pictogram to indicate the intended use (motorcycling), type (AIRBAG), level of protection, the protected area (CB) with indication of the Standard of reference;

- pictogram ISO 7000 "i in the booklet" inviting the user to read the User Manual;

- pictogram ISO 3635 to indicate W-S length in acc. with the referred Standard of the protected area (EN 1621-2:2014);

- example of the production date;

- other additional infos.



with 65g CO2 cartridges:



connection cable:



NOTE: the Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements.

The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).

