

# TEST REPORT

AFD.01.2887 -19

The scoter tracker housing **TST100**, manufactured  
of UAB "Teltonika", IP65 code verification



Private Limited Company  
"CERTIFICATION CENTRE  
OF ELECTROTECHNICAL PRODUCTS"  
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**APPROVED**



The chief of the EGSC Testing Centre

  
A. Petrov

2019-11-22

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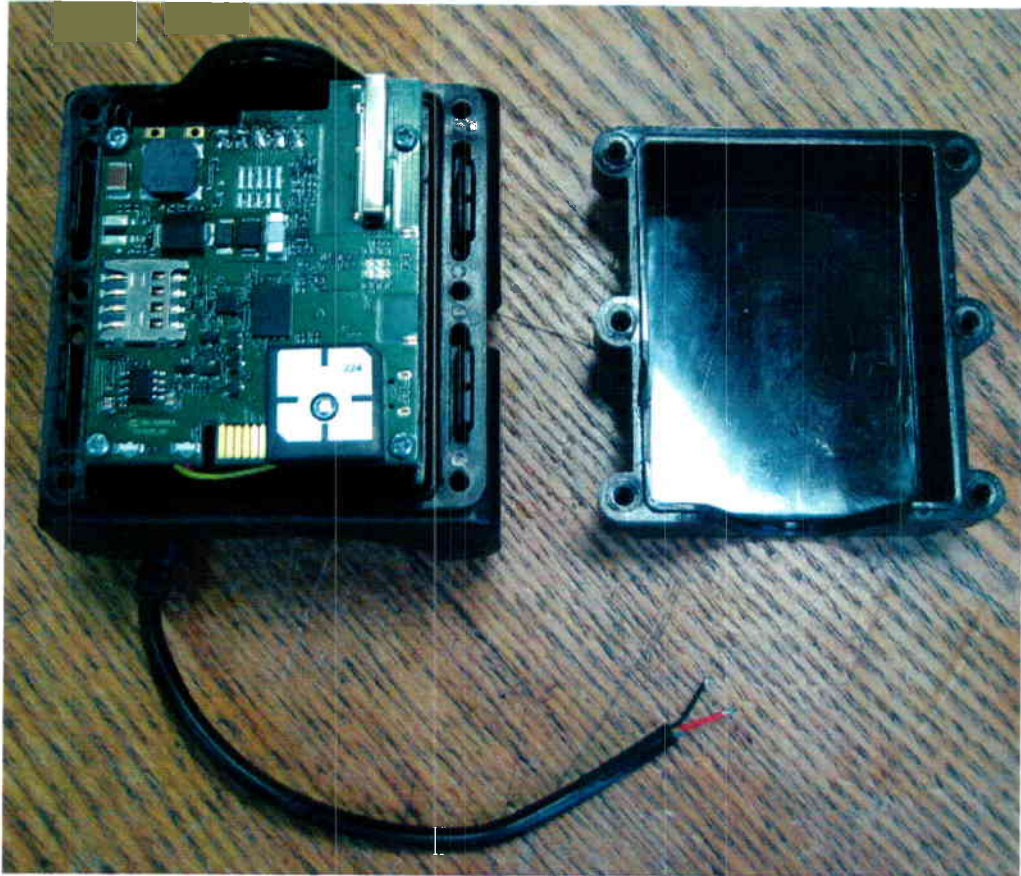
**Tested:** 2019-11-20 ÷ 2019-11-22

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This Test Report is based on:  
LST EN 60529:1999+A1+AC:2002  
(EN 60529:1991+AC:1993+A1:2000)

**EGSC Testing Centre**

Type of appliance	- the scoter tracker housing
Type/model, ref., number	- <b>TST100</b> , 1 unit, No. 035/BC (EGSC)
Manufacturer	- UAB "Teltonika", Liepkalnio str. 9B-1, LT-08105 Vilnius, Lithuania
Customer	- UAB "Teltonika", Liepkalnio str. 9B-1, LT-08105 Vilnius, Lithuania
Trade mark	- ---
Order for test	- No. 12 dated 2019-11-18
Contract	- ---
Application	- No. Numberless application dated 2019-11-15
Received	- 2019-11-20



**Figure 1.** The scoter tracker housing TST100



**Figure 2.** Marking of the scoter tracker housing **TST100**

Possible test case verdicts (placed in the column “**Verdict**”)

**P** – pass

**F** – fail

**N** – not applicable

**n** – not tested

The tests are carried out with accordance the program of order for test No. 12 dated 2019-11-18

The test results concern only to the testing objects

Subclause	Required	Verdict
1	2	3

**LST EN 60529**

<b>12</b>	<b>Tests for protection against access of to hazardous parts indicated by the first characteristic numeral</b>	
12.2	Test conditions  The access probe is pushed through any openings of the enclosure with the force specified in Table VI	P Test wire 1,0 mm diameter, 100 mm long 1 N ± 10 %
12.3	Acceptance conditions  The protection is satisfactory if adequate clearance is kept between the access probe and hazardous parts	P
12.3.1	For low-voltage equipment (rated voltages not exceeding 1000 V a.c. and 1500 V d.c.):  The access probe shall not touch hazardous live parts	P
<b>13</b>	<b>Tests for protection against solid foreign objects indicated by the first characteristic numeral</b>	
13.4	Dust test for first characteristic numerals 5 and 6  The test is made using a dust chamber shown in Figure 2  The duration of the test 8 h	P  P
13.6	Special conditions for first characteristic numeral 6	
13.6.1	The enclosure shall be deemed category 1	P
13.6.2	Acceptance conditions for first characteristic numeral 6  The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.	P No deposit of dust is observable inside the enclosure



1	2	3
14	<b>Test for protection against water indicated by the second characteristic numeral</b>	
14.2	Test conditions	
	The tests are conducted with fresh water	P
	During the tests the water temperature should not differ by more than 5 K from the temperature of the specimen under test	P
14.2.5	Test for second characteristic numeral 5 with the 6,3 mm nozzle	
	The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as shown in Figure 6	P
	The conditions to be observed are as follows:	
	- internal diameter of the nozzle 6,3 mm;	P
	- delivery rate 12,5 l/min $\pm$ 5 %;	P
	- minimum test duration 3 min;	P
	- distance from nozzle to enclosure surface between 2,5 m and 3 m.	P
14.3	Acceptance conditions	
	After testing the enclosure shall be inspected for ingress of water.	P
	If any water has entered, it shall not:	P
		No trace of water is observable inside the enclosure
	- be sufficient to interfere with the correct operation of the equipment or impair safety;	---
	- deposit on insulation parts where it could lead to tracking along the creepage distances;	---
	- reach live parts or windings not designed to operate when wet;	---
	- accumulate near the cable end or enter the cable if any.	---

