



61701-
2013

IEC 61701:2011
Salt mist corrosion testing of photovoltaic (PV) modules
(IDT)



2015 H

61701—2013

1

«
» () 4

2

039 «

3

09 2013 . 2205- 01 2015 .

4

61701:2011 «

(PV) modules»)

» (IEC 61701:2011 «Salt mist corrosion testing of photovoltaic

1.5-2012 (3.5).

5

1.0—2012 (8)

8)

».

)

«

»

»

(gost.ru)

61701—2013

Photovoltaic modules. Salt mist corrosion testing

— 2015—01—01

1

(NaCl. MgCl₂ . . .

61215. 61646, 62108. 61730*2 60068-2-52.

(NaCl). 8

60068-2*52

(1)

(3)-(6)

(2)

2

60068-2-52 () . 2. , () (IEC 60068-2-52, Environmental
2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution))

61701—2013

61215:2005

(IEC 61215:2005. Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval)

61646:2008

(IEC 61646:2008. Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval)

61730-2:2004

(IEC 61730-2:2004. Photovoltaic (PV) module safety qualification. Part 2: Requirements for testing)

62108:2007

(IEC 62108:2007, Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval)

/ 17025

(ISO/IEC 17025. General requirements for the competence of testing and calibration laboratories)

3

(, ,)

3

) (,)

62108.

) 11.

4

4.1

, 1, 2 3.

1-3.

1. 2 3

(, ,).

()

4.2

1. 2 3

l) 12.

2

61701—2013

4.2

4.2.1

- 8

4.2.2

a)

1.25
().

*

b)

±

0.5 %.

c)

±0.5%.

4.2.3

(25 ° ± 10

°).

a)

b)

c)

d)

1

1.25

(± 5%)

4.2.4

d) 4.2.3

().
()

5

(

)

61215 -
62106 -

61646 -

61701:2011.

, 61646

6

6.1

6.2

61701—2013

1.

61215:

- a) 10.2 -
- b) 10.15 -
- c) MST 01 - ;
- d) MST 13 - ;
- e) MST16 - .

6.3

2.

61646:

- a) 10.2 -

1 —

- b) 10.15 -

61730-2:

- a) MST 01 - ;
- b) MST 13 - ;
- c) MST 16 - .

2 —

6.4

3.

62108:

- a) 10.1 - ;
- b) 10.2 - ;
- c) 10.3 - ;
- d) 10.4 - ;
- e) 10.5 - .

62106.

7

60068-2-52.

60068-2-52

, , , (2),
(), 15° 30*

8

()

61701—2013

5

35

9

9.1 8

9.2

1.

61215:

- a) 10.2 - ;
- b) 10.15 - ;

61730-2:

- a) MST 01 - ;
- b) MST 13 - ;
- c) MST 16 - ;

)

().

9.3

2.

61646:

- a) 10.6 - ();
- b) 10.15 - ;
- c) 10.19 - ;

61730-2:

- a) MST 01 - ;
- b) MST 13 - ;
- c) MST 16 - ;

)

().

9.4

3.

62108:

- a) 10.1 - ;
- b) 10.2 - ;
- c) 10.3 - ;
- d) 10.4 - ;
- e) 10.5 - ;

61701—2013

)

10

10.1

1.2 3.

10.2

61730-2.

5 %

10.15

61215, MST13 MST16 61730-2

().

10.3

61730-2.

90 %

10.15

61215, MST 13 MST 16 61730-2

10.1 61646

MST 16 61730.

MST 01

61730-2.

10.19 (

),

10.3

61646

10.4

61730-2.

(
).

7 %,

, 5 %.

61701—2013

10.15

61215. MST 13 MST 16 61730-2

11

/ 17025.

a)

b)

c)

d)

e)

f)

g)

h)

i)

j)

k)

60068-2-52;

l)

m)

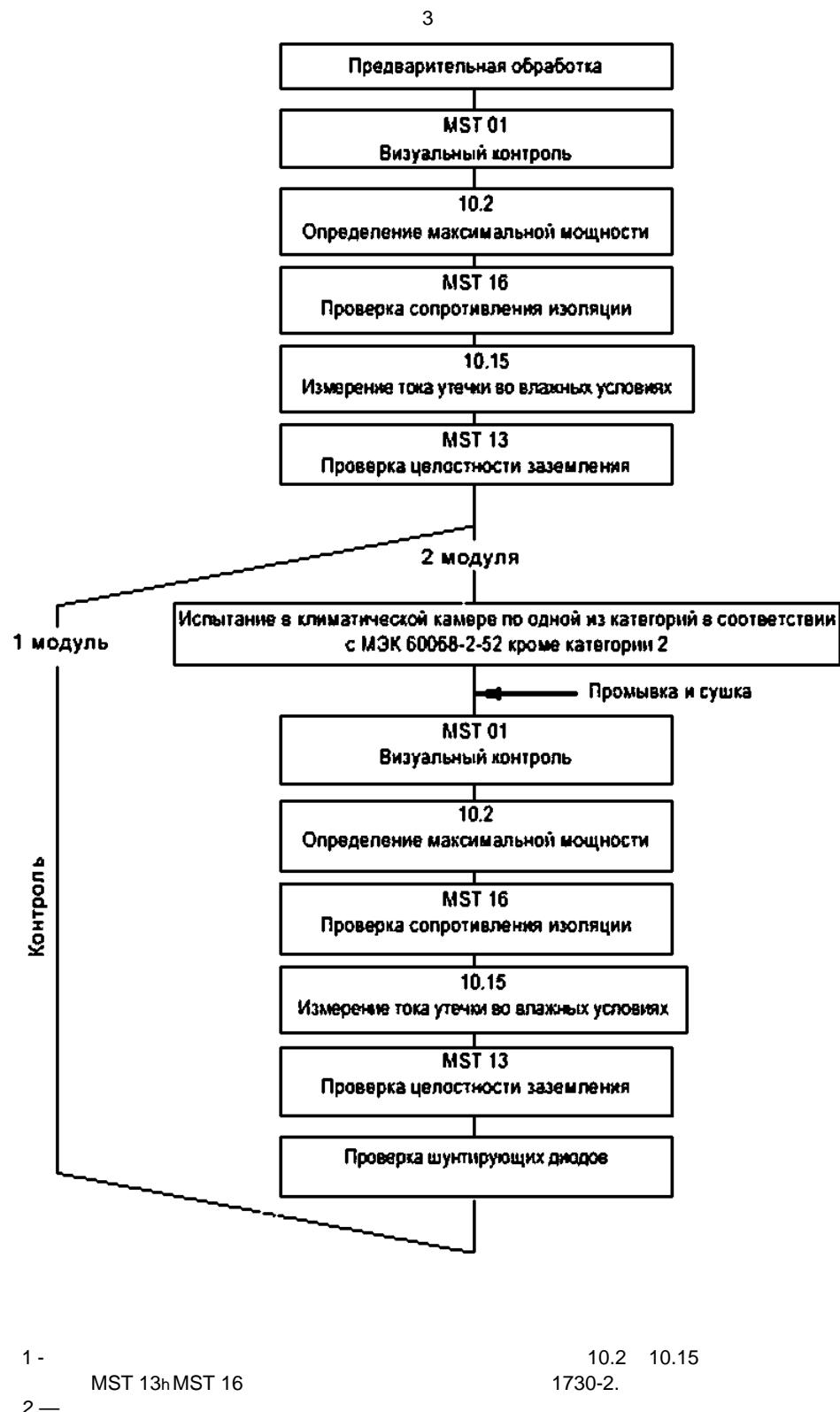
n)

o)

p)

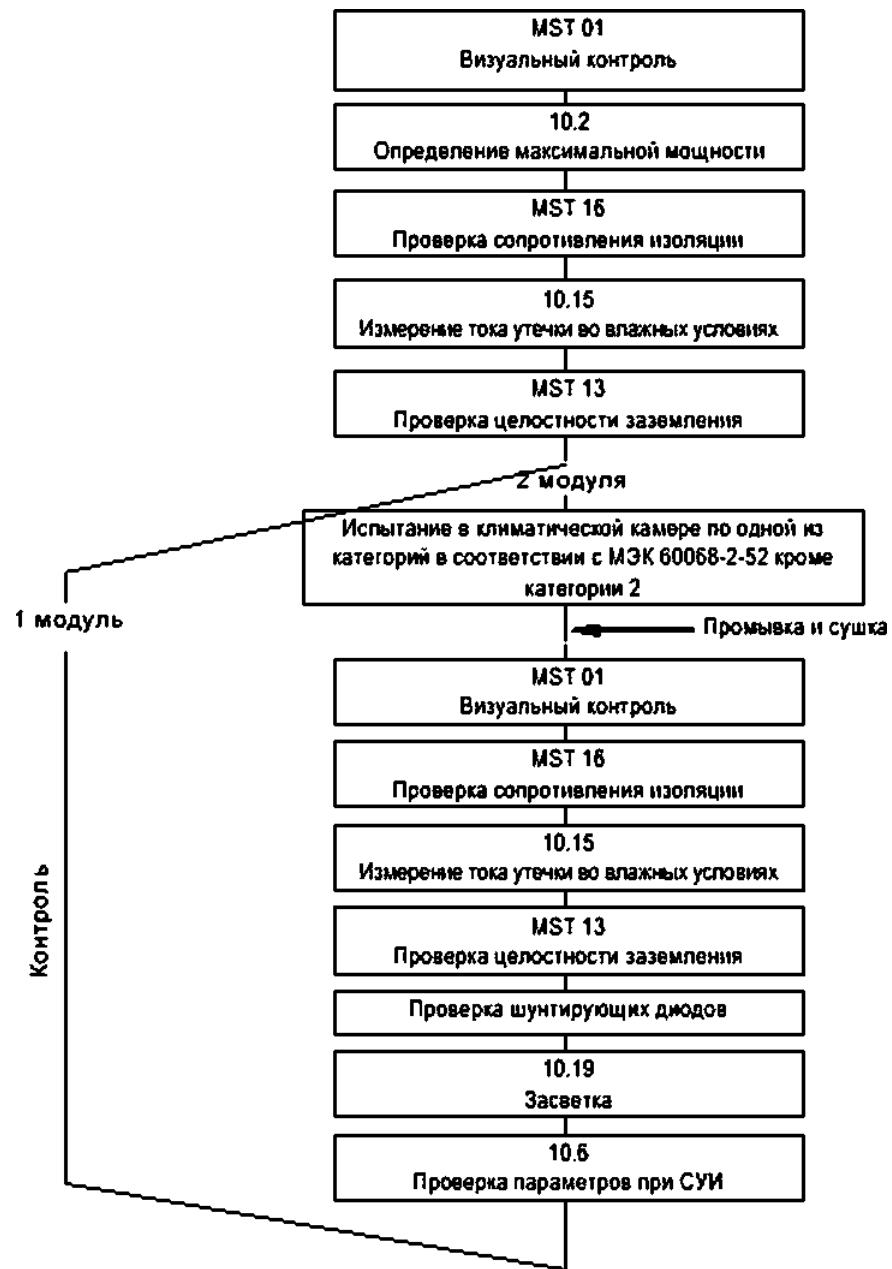
q)

61701—2013



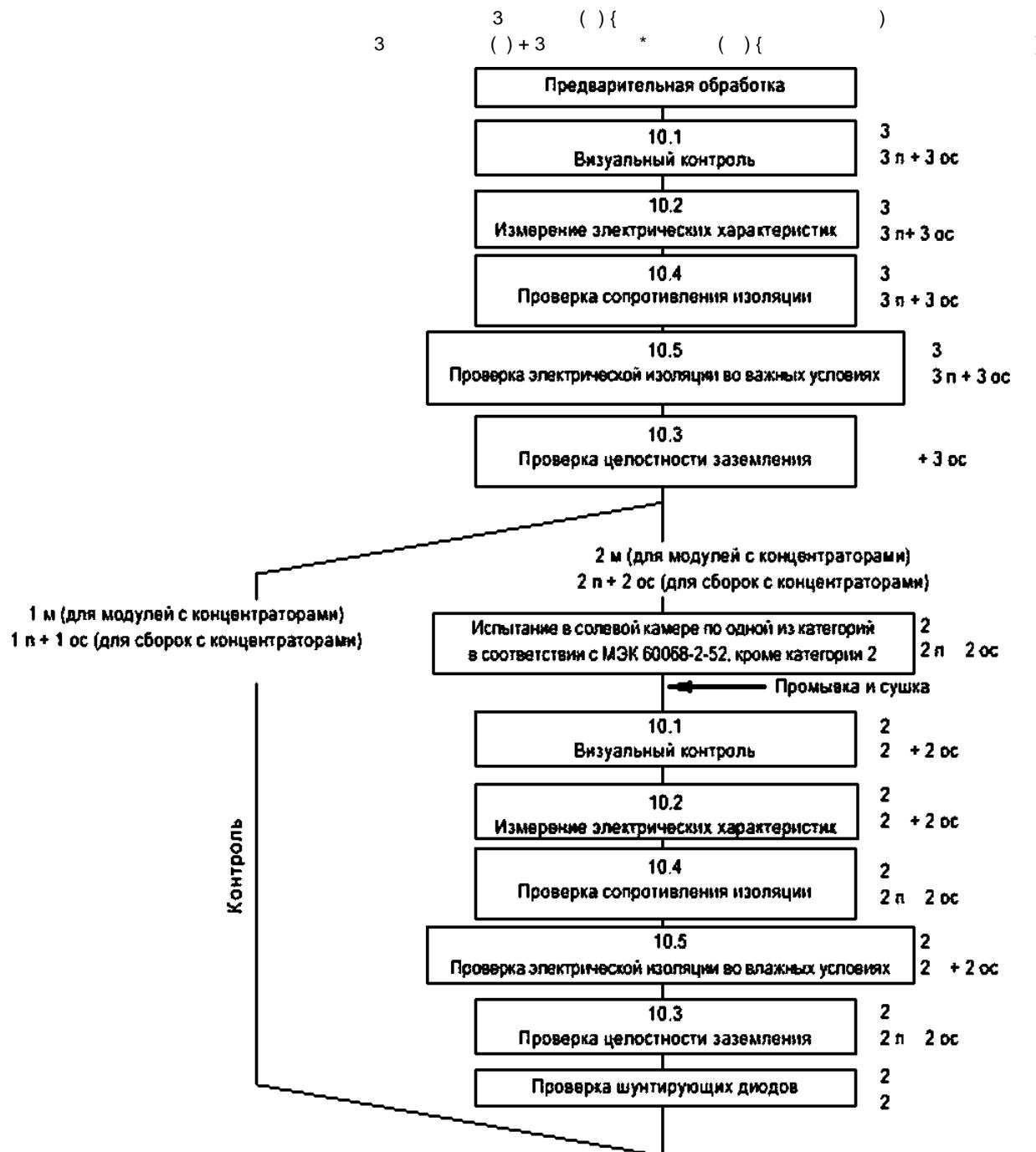
1 -

61701—2013



MST 16	1 —	10.2	10.15	61646.	MST 13
	2 —		61730-2.		
8	3 —			10.2	61646
	4 —	10.6		10.19	61646.
10.3 -	MST 16.			MST 01.	

61701—2013



1 — 10.2,10.3,10.4 10.5
2 —

62108.

3 -

61701—2013

()

.1

60068-2*52	NEQ	52763-2007 -
61215.2005	•	•
61646:2008		61646-2012 -
61730*2:2004		61730-2-2012 2.
62108:2007	•	•
/ 17025		/ 17025-2009 -
* - IDT - • NEO -		

61701—2013

- (1) 61215:2005
(IEC 61215:2005 Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval)
- (2) 61646:2008
(IEC 61646:2008 Thin-film terrestrial photovoltaic (PV) modules - Design qualification and type approval)
- (3) 61730-2:2004
61730-2:2004 Photovoltaic (PV) module safety qualification - Part 2. Requirements for testing (IEC)
- (4) 62108:2007
62108:2007 Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval (IEC)
- (5) 60068-2-52
(
2.
Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)
) (IEC 60068-2-52, Environmental testing - Part 2:
: -
- (6) / 17025
IEC 17025 General requirements for the competence of testing and calibration laboratories (ISO/)

61701—2013

697.329:006.354

27.160

60

, , , ,

01.11.2014. 60x841/6.

. . . 1,86. 31 . . 4043.

»
123995 . .. 4.
www.gostinfo.ru info@gostinfo.ru