



# CERTIFICATE

№ LVD- 20- 000- (2-20-331)- 053E

"CTEC" Ltd. certifies that

**Product** **ADAPTIVE ENERGY-SAVING SYSTEM /AES/ - "SLAVA"**  
**AES- M-48-3-00-000-2020**  
Ue - 380/220 V AC; 50 Hz; 48 kVAR

**Applicant** **INOTECH-ES LTD., Bulgaria,**  
8, Tulcha str. Bl.Shabla vh.G ap.18, 7004 Ruse  
tel.: +359 889 303 575; e-mail: [inotech.es@gmail.com](mailto:inotech.es@gmail.com)

**Manufacturer** **INOTECH-ES LTD., Bulgaria,**  
8, Tulcha str. Bl.Shabla vh.G ap.18, 7004 Ruse  
tel.: +359 889 303 575; e-mail: [inotech.es@gmail.com](mailto:inotech.es@gmail.com)

**Complies with the** Requirements applicable to the product in compliance with **the standards:**

**EN 61439-1:2011** Low-voltage switchgear and controlgear assemblies  
Part 1: General rules - *clauses 6; 8.2.2; 8.4.2; 8.4.3; 9.1.1; 9.1.2; 9.4; 10.5*  
*10.9.1; 10.9.2*

**EN 61439-2:2011** Low-voltage switchgear and controlgear assemblies  
Part 2: Power switchgear and controlgear assemblies - *clauses 6; 8.2.2*  
*8.4.2; 8.4.3; 9.1.1; 9.1.2; 9.4; 10.5; 10.9.1; 10.9.2*

**and for EMC – cl.9.4, cl.10.12 (Annex J):**

### Emission

**EN 61000-6-4:2007**

**EN 61000-6-4:2007/A1:2011** Electromagnetic compatibility (EMC) -  
Part 6-4: Generic standards - Emission standard for industrial environments  
- *conducted and radiated disturbances – cl.7, table 1*

### Immunity

**EN 61000-4-2:2009** Electromagnetic compatibility (EMC)  
Part 4-2: Testing and measurement techniques - Electrostatic discharge  
immunity test

**EN 61000-4-4:2012** Electromagnetic compatibility (EMC)  
Part 4-4: Testing and measurement techniques - Electrical fast  
transient/burst immunity test

**EN 61000-4-5:2014** Electromagnetic compatibility (EMC)  
Part 4-5: Testing and measurement techniques - Surge immunity test

**EN 61000-4-8:2010** Electromagnetic compatibility (EMC)  
Part 4-8: Testing and measurement techniques - Power frequency magnetic  
field immunity test

**EN 61000-4-11:2004+A1:2017** Electromagnetic compatibility  
Part 4-11: Testing and measurement techniques – Voltage dips, short  
interruptions and voltage variations immunity tests

### **Certificate has been issued on the base of**

Test reports:  
№ 2e-20-331/18.08.2020

№ 2emc-20-331/18.08.2020  
№ 2emc-e-20-331/18.08.2020

The *Certificate* of conformity is based on the evaluation of the technical file and testing of the above mentioned product and does not imply assessment of the production process.

Date of issue: 2020-08-18  
Stara Zagora

Manager CTEC Ltd.  
/dipl. eng. Blagovesta Shineva/

