

# EC Declaration of Conformity

**Product** : Frequency Inverter Series S1


**Model No** : See the attachment

**Applicant** : Hitachi Europe GmbH.

**Applicant Address** : Niederkasseler Lohweg 191, 40547 Düsseldorf, Germany

**Date of Issue** : 12.11.2020


In accordance to the following Applicable Directives, this applies to European Council Directive **2014/35/EU LOW VOLTAGE DIRECTIVE**  
**2014/30/EU ELECTROMAGNETIC COMPATIBILITY DIRECTIVE**

This is to  that the following product comply to the above mentioned European Directives and the following Applicable Standards.

**EN 61800-5-1:2007+A1:2017**

**EN 61800-3:2004+A1:2012**

This declaration applies to all samples that were manufactured identically to the model submitted for testing.  
Evaluation. Assessment of the conformity of the products with the requirements relating to EMC and safety  
The standards listed above were carried out by the manufacturer

The measurements show in this test report may issue a **DECLARATION of CONFORMITY**.  
And apply the  Mark in accordance to European Union Rules.

Attestation by



Thomas Ockenfeld

12.11.2020

Date

# HITACHI

Model No.	Rated Input	Rated output*	Size(mm)
S1-00032SFE	1PH, 220V-240V, 50/60Hz, 6.5/7.0A	3PH, 0-Uinput, 0-400Hz, 2.5/3.2A, 0.4/0.75kW	160*80*123.5
S1-00055SFE	1PH, 220V-240V, 50/60Hz, 9.3/12.0A	3PH, 0-Uinput, 0-400Hz,4.2/5.5A, 0.75/1.1 kW	
S1-00100SFE	1PH, 220V-240V, 50/60Hz, 15.7/24.0A	3PH, 0-Uinput, 0-400Hz, 7.5/10.0A, 1.5/2.2kW	185*80*140.5
S1-00130SFE	1PH, 220V-240V, 50/60Hz, 24/30A	3PH, 0-Uinput, 0-400Hz, 10/13A, 2.2/3kW	
S1-00032HFE	3PH, 380V-440V, 50/60Hz, 3.4/4.7A	3PH, 0-Uinput, 0-400Hz, 2.5/3.2A, 0.75/1.1kW	185*80*140.5
S1-00055HFE	3PH, 380V-440V, 50/60Hz, 5.0/5.8A	3PH, 0-Uinput, 0-400Hz, 4.2/5.5A, 1.5/2.2kW	
S1-00073HFE	3PH, 380V-440V, 50/60Hz, 5.8/10.0A	3PH, 0-Uinput, 0-400Hz, 5.5/7.3A, 2.2/3kW	126*186*201
S1-00125HFEEF	3PH, 380V-440V, 50/60Hz, 13.5/19.5A	3PH, 0-Uinput, 0-400Hz, 9.5/12.5A, 4/5.5kW	
S1-00170HFEEF	3PH, 380V-440V, 50/60Hz, 19.5/23A	3PH, 0-Uinput, 0-400Hz, 14/17A, 5.5/7.5kW	
S1-00230HFEEF	3PH, 380V-440V, 50/60Hz, 25/30A	3PH, 0-Uinput, 0-400Hz, 18.5/23A, 7.5/11kW	146*256*192
S1-00320HFEEF	3PH, 380V-440V, 50/60Hz, 32/40A	3PH, 0-Uinput, 0-400Hz, 25/32A, 11/15kW	170*320*220
S1-00380HFEEF	3PH, 380V-440V, 50/60Hz, 40/47A	3PH, 0-Uinput, 0-400Hz, 32/38A, 15/18.5kW	
S1-00450HFEEF	3PH, 380V-440V, 50/60Hz, 47A/51A	3 PH, 0-Uinput, 0-400Hz, 38A/45A,18.5kW/22kW	200*340.6*208
S1-00600HFEEF	3PH, 380V-440V, 50/60Hz, 51A/70A	3 PH, 0-Uinput, 0-400Hz, 45A/60A,22kW/30kW	
S1-00750HFEEF	3PH, 380V-440V, 50/60Hz, 70A/80A	3 PH, 0-Uinput, 0-400Hz, 60A/75A,30kW/37kW	250*400*223
S1-00920HFEEF	3PH, 380V-440V, 50/60Hz, 80A/98A	3 PH, 0-Uinput, 0-400Hz, 75A/92A,37kW/45kW	
S1-01150HFEEF	3PH, 380V-440V, 50/60Hz,98A/128A	3 PH, 0-Uinput, 0-400Hz, 92A/115A,45kW/55kW	282*560*258
S1-01500HFEEF	3PH, 380V-440V, 50/60Hz, 128A/139A	3 PH, 0-Uinput, 0-400Hz, 115A/150A,55kW/75kW	
S1-01700HFEEF	3PH, 380V-440V, 50/60Hz,139A/168A	3 PH, 0-Uinput, 0-400Hz, 150A/170A,75kW/90kW	
S1-02150HFEEF	3PH, 380V-440V, 50/60Hz,168A/201A	3 PH, 0-Uinput, 0-400Hz, 180A/215A,90kW/110kW	338*554*330
S1-02600HFEEF	3PH, 380V-440V, 50/60Hz,201A/265A	3 PH, 0-Uinput, 0-400Hz, 215A/260A,110kW/132kW	
S1-03050HFEEF	3PH, 380V-440V, 50/60Hz, 265/310A	3 PH, 0-Uinput, 0-400Hz, 260/305A, 132/160kW	850.0*500.0 * 360.0
S1-03400HFEEF	3PH, 380V-440V, 50/60Hz, 310/345A	3 PH, 0-Uinput, 0-400Hz, 305/340A, 160/185kW	
S1-03800HFEEF	3PH, 380V-440V, 50/60Hz, 345/385A	3 PH, 0-Uinput, 0-400Hz, 340/380A, 185/200kW	
S1-04250HFEEF	3PH, 380V-440V, 50/60Hz, 385/430A	3 PH, 0-Uinput, 0-400Hz, 380/425A, 200/22	

S1-04800HFEF	3PH, 380V–440V, 47-63Hz, 430/460A	3 PH, 0-Uinput, 0-400Hz, 425/480A, 220/250kW	1410.0 *750.0 *380.0
S1-05300HFEF	3PH, 380V–440V, 50/60Hz, 460/500A	3 PH, 0-Uinput, 0-400Hz, 480/530A, 250/280kW	
S1-06000HFEF	3PH, 380V–440V, 50/60Hz, 500/580A	3 PH, 0-Uinput, 0-400Hz, 530/600A, 280/315kW	
S1-06500HFEF	3PH, 380V–440V, 50/60Hz, 580/625A	3 PH, 0-Uinput, 0-400Hz, 600/650A, 315/355kW	
S1-04800HFEF	3PH, 380V–440V, 47-63Hz, 430/460A	3 PH, 0-Uinput, 0-400Hz, 425/480A, 220/250kW	
S1-07200HFEF	3PH, 380V–440V, 50/60Hz, 625/715A	3 PH, 0-Uinput, 0-400Hz, 650/720A, 355/400kW	1700.0*
S1-08600HFEF	3PH, 380V–440V, 50/60Hz, 715/890A	3 PH, 0-Uinput, 0-400Hz, 720/860A, 400/500kW	620.0* 560.0

\*Remark: Uinput means Rated Input Voltage