


## EU DECLARATION OF CONFORMITY

We : Toshiba Industrial Products and Systems Corporation  
72-34, Horikawa-cho, Saiwai-Ku,  
Kawasaki, 212-8585, Japan  
(TSIJ)

Hereby declare under our sole responsibility that the products:

Trademark	Toshiba
Product, Type	TOSVERT VF-AS3 & dedicated options
List of reference and options	See next pages

Are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards.

Directive	Harmonized standard / Notified body reference
LV Directive 2014/35/EU	<b>EN 61800-5-1:2007</b> <b>EN 61800-5-1:2007 / A1:2017</b> <b>EN 61800-5-1:2007 / A11:2021</b> Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy. Other standard considered: IEC 61800-5-1 ed.2.1 (2016)
EMC Directive 2014/30/EU	<b>EN 61800-3:2004</b> <b>EN 61800-3:2004 / A1:2012</b> Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods. Other standard considered: IEC 61800-3 ed.3.0 (2017)
Machinery Directive 2006/42/EC	<b>EN ISO 13849-1:2015</b> Category 3 PL"e" Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
	<b>EN ISO 13849-2:2012</b> Safety of machinery – Safety-related parts of control systems – Part 2: Validation
	<b>EN 61800-5-2:2007</b> SIL3 Adjustable speed electrical power drive systems – Part 5-2: Safety requirements – Functional. Other standard considered: IEC 61800-5-2 ed.1.0 (2007) / ed.2.0 (2016)
	A certification has been carried out by TUV NORD SYSTEMS GMBH & CO.KG (European Notified Body identified under the number 0045) report no <b>SEBS.A-105339/15-2</b> Other standard considered: IEC 61508-1/-2 ed.2.0 (2010) SIL3, IEC62061 ed.1.2 (2015) SIL <sub>CL3</sub>
ATEX Directive 2014/34/EU	<b>EN 50495:2010</b> Safety devices required for the safe functioning of equipment with respect to explosion risks.
	EU type examination certificate ref INERIS <b>16ATEX0023X</b>  II (2) GD The manufacturing quality assurance system of the manufacturing plants have been audited under the following references by INERIS Parc Technologique ALATA bp 2, 60550 Verneuil en Halatte – France (European Notified Body identified under the number 0080)
RoHS Directive 2011/65/EU amended by 2015/863/EU	<b>EN IEC63000:2018</b> Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**And also the standards:**

UL508C / UL61800-5-1, CSA 22.2 No.274: 2017



## EU DECLARATION OF CONFORMITY

Subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to accepted rules of the art.

This declaration becomes invalid in the case of any modification to the products not authorized by us.

Compliance with the ATEX, Machinery & EMC Directives will require the application of the ATEX guide, Safety guide and EMC guide giving requirements, details and advices for installation of products used.

The guides are attached with the product or website "<https://www.inverter.co.jp/>".

**Person in charge of technical documentation:**

**Name:** Eric Delaune  
**Certification Manager, S.T.I.E.**  
**Rue Andre Blanchet, 27120 Pacy sur Eure, France**

**Signature:**

*Eric DELAUNE*

Pacy-sur-Eure, Oct 24th 2023

**Issued at Nagoya, Aichi – JAPAN:**

**Name:** Shin Okada  
**TSIJ Offer Marketing, Senior Manager**  
**1-19-30 Aoi Higashi-Ku, Nagoya, 461-0004, Japan**

**Signature:**

*Shin. Okada*

*Oct 24<sup>th</sup> 2023*

## EU DECLARATION OF CONFORMITY

List of references VF-AS3:

Three phase 200V to 240Vac

Reference (1) (3)	Range (2)
VFAS3-2004P	0.75 kW
VFAS3-2007P	1.5 kW
VFAS3-2015P	2.2 kW
VFAS3-2022P	4 kW
VFAS3-2037P	5.5 kW
VFAS3-2055P	7.5 kW
VFAS3-2075P	11 kW
VFAS3-2110P	15 kW
VFAS3-2150P	18.5 kW
VFAS3-2185P	22 kW
VFAS3-2220P	30 kW
VFAS3-2300P	37 kW
VFAS3-2370P	45 kW
VFAS3-2450P	55 kW
VFAS3-2550P	75 kW

- (1) Followed by "E" or "Y" maybe followed by "-", may be followed by 1 to 3 characters, the use of the "-F", "-V-" or "-T-" letters are excluded of this codification.
- (2) Output power @Normal duty
- (3) Compliance with EMC Directive for these "VFAS3-2\_\_P" products will require the installation of additional EMC input filter listed below and the application of the EMC guide which gives requirements, details and advices for installation of products used.

Reference	Description
EMF5-4008A	Additional EMC input filter
EMF5-4015B	Additional EMC input filter
EMF5-4035C	Additional EMC input filter
EMF5-4050D	Additional EMC input filter
EMF5-4070E	Additional EMC input filter
EMF5-4100F	Additional EMC input filter
EMF5-4160G	Additional EMC input filter
EMF5-4200H	Additional EMC input filter
EMF5-4240I	Additional EMC input filter
EMF5-4305J	Additional EMC input filter

## EU DECLARATION OF CONFORMITY

Three phase 380V to 480Vac

Reference (4)	Range (5)
VFAS3-4004PC	0.75 kW
VFAS3-4007PC	1.5 kW
VFAS3-4015PC	2.2 kW
VFAS3-4022PC	4 kW
VFAS3-4037PC	5.5 kW
VFAS3-4055PC	7.5 kW
VFAS3-4075PC	11 kW
VFAS3-4110PC	15 kW
VFAS3-4150PC	18.5 kW
VFAS3-4185PC	22 kW
VFAS3-4220PC	30 kW
VFAS3-4300PC	37 kW
VFAS3-4370PC	45 kW
VFAS3-4450PC	55 kW
VFAS3-4550PC	75 kW
VFAS3-4750PC	90 kW
VFAS3-4900PC	110 kW
VFAS3-4110KPC	132 kW
VFAS3-4132KPC	160 kW
VFAS3-4160KPC	220 kW
VFAS3-4200KPC	250 kW
VFAS3-4220KPC	280 kW
VFAS3-4280KPC	315 kW

(4) Maybe followed by "E", "E1", or "Y", maybe followed by "-", maybe followed by 1 to 3 characters, the use of the "-F", "-V-" or "-T-" letters are excluded of this codification.

(5) Output power @Normal duty

### Internal Options list

Category	Option	Reference
Communication Cards	CANopen 2 x RJ45	CAN001Z
	CANopen Sub-D	CAN002Z
	CANopen open terminal	CAN003Z
	PROFINET	PNE001Z
	PROFIBUS-DP	PDP003Z
	DeviceNet	DEV003Z
	EtherCAT	IPE003Z
	CC-Link	CCL003Z
I/O Extension Modules	I/O extension 1	ETB013Z
	I/O extension 2	ETB014Z
Encoder Interface Modules	Digital encoder	VEC008Z
	Resolver	VEC010Z
Extension Panel	Remote keypad	RKP007Z
	Operation Panel	RKP010Z *
Power option	Braking unit	PB7-4132K
	Braking unit	PB7-4200K
Control option	Door Mounting Kit	SBP010Z
	Option adaptor	SBP011Z
DC reactor option	DC-choke 1	DCL1-4160K
	DC-choke 3	DCL1-4200K
	DC-choke 4	DCL1-4280K

\* Maybe followed by "-", maybe followed by 1 to 3 characters.



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**(TSIJ)**

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Trademark	<i>Toshiba</i>
Product, Type	<i>TOSVERT VF-AS3 &amp; dedicated options</i>
List of reference and options	See next pages

Are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards.

Directive	Harmonized standard / Notified body reference
<b>LV Directive 2014/35/EU</b>	<b>EN 61800-5-1:2007</b> <b>EN 61800-5-1:2007 / A1:2017</b> <b>EN 61800-5-1:2007 / A11:2021</b> Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy. Other standard considered: IEC 61800-5-1 ed.2.1 (2016)
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<b>RoHS Directive 2011/65/EU</b> <b>amended by 2015/863/EU</b>	<b>EN IEC63000:2018</b> Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**And also the standards:**

UL61800-5-1, CSA 22.2 No.274: 2017



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Compliance with the Machinery & EMC Directives will require the application of the Safety guide and EMC guide giving requirements, details and advices for installation of products used.

The guides are attached with the product.

**Person in charge of technical documentation:**

**Name:** Eric Delaune  
**Certification Manager, S.T.I.E.**  
Rue Andre Blanchet, 27120 Pacy sur Eure, France

**Signature:**

*Eric DELAUNE*

Pacy-sur-Eure, Oct 24th 2023

**Issued at Nagoya, Aichi – JAPAN:**

**Name:** Shin Okada  
**TSIJ Offer Marketing, Senior Manager**  
1-19-30 Aoi Higashi-Ku, Nagoya, 461-0004, Japan

**Signature:**

*Shin Okada*

*Oct 25<sup>th</sup> 2023*

## EU DECLARATION OF CONFORMITY

List of references VF-AS3:

Three phase 500V to 690Vac

Reference (1)	Range (2)
VFAS3-6022PC	3.0 kW
VFAS3-6030PC	4.0 kW
VFAS3-6040PC	5.5 kW
VFAS3-6055PC	7.5 kW
VFAS3-6075PC	11 kW
VFAS3-6110PC	15 kW
VFAS3-6150PC	18.5 kW
VFAS3-6185PC	22 kW
VFAS3-6220PC	30 kW
VFAS3-6300PC	37 kW
VFAS3-6370PC	45 kW
VFAS3-6450PC	55 kW
VFAS3-6550PC	75 kW
VFAS3-6750PC	90 kW

(1) Maybe followed by "Y-", may be followed by 1 to 3 characters.

(2) Output power @Normal duty, 690V condition

Internal Options list

Category	Option	Reference
Communication Cards	CANopen 2 x RJ45	CAN001Z
	PROFINET	PNE001Z
	PROFIBUS-DP	PDP003Z
	DeviceNet	DEV003Z
	EtherCAT	IPE003Z
I/O Extension Modules	I/O extension 1	ETB013Z
	I/O extension 2	ETB014Z
Encoder Interface Modules	Digital encoder	VEC008Z
	Resolver	VEC010Z
Extension Panel	Remote keypad	RKP007Z
	Operation Panel	RKP010Z *
Control option	Door Mounting Kit	SBP010Z
	Option adaptor	SBP011Z
Additional IP kit	Nema type 1 kit (A1Y)	NEM301Z
	Nema type 1 kit (A2Y)	NEM302Z

\* Maybe followed by "-", may be followed by 1 to 3 characters.



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EMC Directive 2014/30/EU	<b>EN 61800-3:2004 / A1:2012</b> Adjustable speed electrical power drive systems – Part 3: EMC requirements and specific test methods. (IEC 61800-3:2017)
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The guides are attached with the product.

**Person in charge of technical documentation:**

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Certification Manager, S.T.I.E.  
Rue Andre Blanchet, 27120 Pacy sur Eure, France

Signature:

2022/24/10

Eric DELAUNE

**Issued at Nagoya, Aichi – JAPAN:**

Name: Shin Okada  
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1-19-30 Aoi Higashi-Ku, Nagoya, 461-0004, Japan

Signature:

2022/25/10

Shin Okada



## EU DECLARATION OF CONFORMITY

List of references VF-AS3:

Three phase 380V to 480Vac

Reference (1)	Range (2)
VFAS3-4132KPCV-A	160 kW
VFAS3-4160KPCV-A	220 kW
VFAS3-4200KPCV-A	250 kW
VFAS3-4220KPCV-A	280 kW
VFAS3-4280KPCV-A	315 kW

(1) Followed by 1 to 3 characters.

(2) Output power @Normal duty

Internal Options list

Category	Option	Reference
Communication Cards	PROFIBUS-DP	PDP003Z
	DeviceNet	DEV003Z
	EtherCAT	IPE003Z
	CC-Link	CCL003Z
I/O Extension Modules	I/O extension 1	ETB013Z
	I/O extension 2	ETB014Z
Encoder Interface Modules	Digital encoder	VEC008Z
Extension Panel	Remote keypad	RKP007Z
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