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Certificate of Suitability

Certificate No.: SAA160334

Certificate Holder: Victron Energy B.V.
De Paal 35,
1351 JG, Almere Haven
Netherlands

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a
battery storage system

Trade Name/s: Victron
Model No.: Multiplus 12/3000/120-16
Rating/Marking/s: Input:-
AC: 187-250V~ 45-55Hz 16A
DC: 9.5-17Vdc 250A
Output:-
AC: 225-235V~ 50Hz 11A
DC: 13.2-14.1Vdc 120A
Ta=50°C, Class I

Standard/s: IEC 62109-1 Ed. 1.0
Condition/s: Nil

Approval Marks: RCM and SAA160334

Initial Issue Date: 24 May 2016
Expiry Date: 24 May 2026

RA Hill

For and on Behalf of
SAA Approvals Pty Ltd

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Issued: 25-01-21 160334/1



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Certificate of Suitability

Addendum

Certificate No.: SAA160334

Date of Issue: 25 January 2021

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Multiplus 12/3000/120-50	Victron	Input:- AC: 187-250V~ 45-55Hz 50A DC: 9.5-17Vdc 250A Output:- AC: 225-235V~ 50Hz 11A DC: 13.2-14.1Vdc 120A Ta=50°C, Class I
Multiplus 24/3000/70-16	Victron	Input:- AC: 187-250V~ 45-55Hz 16A DC: 19-33Vdc 125A Output:- AC: 225-235V~ 50Hz 11A DC: 26.4-28.8Vdc 70A Ta=50°C, Class I
Multiplus 24/3000/70-50	Victron	Input:- AC: 187-250V~ 45-55Hz 50A DC: 19-33Vdc 125A Output:- AC: 225-235V~ 50Hz 11A DC: 26.4-28.8Vdc 70A Ta=50°C, Class I

RA Hill

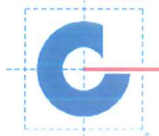
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Issued: 25-01-21 160334/2a
Renewed, updated



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Certificate of Suitability

Addendum

Certificate No.: SAA160334

Date of Issue: 25 January 2021

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Multiplus 48/3000/35-16	Victron	Input:- AC: 187-250V~ 45-55Hz 16A DC: 38-66Vdc 65A Output:- AC: 225-235V~ 50Hz 11A DC: 52.8-57.6Vdc 35A Ta=50°C, Class I
Multiplus 48/3000/35-50	Victron	Input:- AC: 187-250V~ 45-55Hz 50A DC: 38-66Vdc 65A Output:- AC: 225-235V~ 50Hz 11A DC: 52.8-57.6Vdc 35A Ta=50°C, Class I
Multiplus 24/5000/120-50	Victron	Input:- AC: 187-250V~ 45-55Hz 50/30A DC: 9.5-17Vdc 250A Output:- AC: 225-235V~ 50Hz 11A DC: 13.2-14.1Vdc 120A Ta=50°C, Class I

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Issued: 25-01-21 160334/3a
Renewed, updated



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Certificate of Suitability

Addendum

Certificate No.: SAA160334

Date of Issue: 25 January 2021

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Multiplus 24/5000/120-100	Victron	Input:- AC: 187-250V~ 45-55Hz 50/50A DC: 9.5-17Vdc 250A Output:- AC: 225-235V~ 50Hz 11A DC: 13.2-14.1Vdc 120A Ta=50°C, Class I
Quattro 12/3000/120-50/30	Victron	Input:- AC: 187-250V~ 45-55Hz 50/30A DC: 9.5-17Vdc 458A Output:- AC: 225-235V~ 50Hz 11A DC: 13.2-14.1Vdc 120A Ta=50°C, Class I
Quattro 12/3000/120-50/50	Victron	Input:- AC: 187-250V~ 45-55Hz 50/50A DC: 9.5-17Vdc 250A Output:- AC: 225-235V~ 50Hz 11A DC: 13.2-14.1Vdc 120A Ta=50°C, Class I

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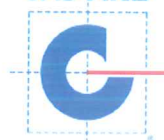
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Addendum

Certificate No.: SAA160334

Date of Issue: 25 January 2021

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Quattro 12/5000/220-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 9.5-17Vdc 458A Output:- AC: 225-235V~ 50Hz 11A DC: 13.2-14.1Vdc 220A Ta=50°C, Class I
Quattro 24/3000/70-50/30	Victron	Input:- AC: 187-250V~ 45-55Hz 50/30A DC: 19-33Vdc 125A Output:- AC: 225-235V~ 50Hz 11A DC: 26.4-28.8Vdc 70A Ta=50°C, Class I
Quattro 24/5000/120-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 19-33Vdc 239A Output:- AC: 225-235V~ 50Hz 18.5A DC: 26.4-28.8Vdc 120A Ta=50°C, Class I

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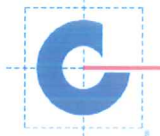
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Addendum

Certificate No.: SAA160334

Date of Issue: 25 January 2021

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Quattro 24/8000/200-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 19-33Vdc 381A Output:- AC: 225-235V~ 50Hz 29.5A DC: 26.4-28.8Vdc 200A Ta=50°C, Class I
Multiplus 48/5000/70-50	Victron	Input:- AC: 187-250V~ 45-55Hz 50A DC: 38-66Vdc 118A Output:- AC: 225-235V~ 50Hz 18.5A DC: 52.8-57.6Vdc 70A Ta=50°C, Class I
Multiplus 48/5000/70-100	Victron	Input:- AC: 187-250V~ 45-55Hz 100A DC: 38-66Vdc 118A Output:- AC: 225-235V~ 50Hz 18.5A DC: 52.8-57.6Vdc 70A Ta=50°C, Class I

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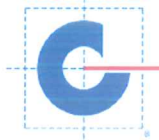
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Certificate No.: SAA160334

Date of Issue: 25 January 2021

Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Quattro 48/5000/70-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 38-66Vdc 118A Output:- AC: 225-235V~ 50Hz 18.5A DC: 52.8-57.6Vdc 70A Ta=50°C, Class I
Quattro 48/5000/70-100/100-S	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 38-66Vdc 118A Output:- AC: 225-235V~ 50Hz 18.5A DC: 52.8-57.6Vdc 70A Ta=50°C, Class I
Quattro 48/8000/110-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 38-66Vdc 188A Output:- AC: 225-235V~ 50Hz 28.5A DC: 52.8-57.6Vdc 110A Ta=50°C, Class I

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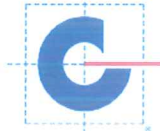
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Regulatory Definition: Non-Prescribed
Product Description: Bi-directional AC/DC Converter for use in a battery storage system

Additional Models	Trade Name	Rating/Marking
Quattro 48/10000/140-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 38-66Vdc 235A Output:- AC: 225-235V~ 50Hz 37.0A DC: 52.8-57.6Vdc 140A Ta=50°C, Class I
Quattro 48/15000/200-100/100	Victron	Input:- AC: 187-250V~ 45-55Hz 100/100A DC: 38-66Vdc 350A Output:- AC: 225-235V~ 50Hz 53A DC: 52.8-57.6Vdc 200A Ta=50°C, Class I

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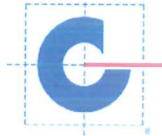
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