

CERTIFICATE OF CONFORMITY

Certificate No.: LC20760-1

Date Issued: April 11, 2022

Project No.: 20760

Certification System: Type 3
(ISO / IEC 17067)

Client No.: LC1231751

Applicant: Victron Energy B.V.
De Paal 35
1351 JG Almere
Netherlands



A handwritten signature in blue ink, appearing to read 'Kavishi Dhillon'.

Issued by: _____
Certification Manager

Products:

- Stand-alone Inverter
- Model Nos.:
 - Phoenix Inverter 12 | 1200 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 24 | 1200 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 48 | 1200 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 12 | 800 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 24 | 800 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 48 | 800 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 12 | 500 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 24 | 500 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 48 | 500 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 12 | 375 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 24 | 375 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 48 | 375 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 12 | 250 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 24 | 250 120V VE.Direct NEMA GFCI
 - Phoenix Inverter 48 | 250 120V VE.Direct NEMA GFCI

The 'C' and 'US' indicators adjacent to the LabTest Certification Mark shall signify that the product has been evaluated by an accredited laboratory to the applicable Canadian and US Standards. The subject area shall be displayed with the LabTest Certification Mark to identify the Standard Number, and Revision Level.

➤ Ratings:

Rating and main characteristics:	12/1200	24/1200	48/1200
Cont. Power at 25°C (nonlinear load, crest factor 3:1)	1200 VA		
Cont. Power at 25°C / 40°C	1000 / 900 W		
Peak power	2400 W		
Output AC voltage / frequency (adjustable)	100 - 128 VAC +/- 3% 50Hz or 60Hz +/- 0,1%		
Input voltage range	9,2 – 17 VDC	18,4 – 34,0 VDC	36,8 – 62,0 VDC
Rating and main characteristics:	12/800	24/800	48/800
Cont. Power at 25°C (nonlinear load, crest factor 3:1)	800 VA		
Cont. Power at 25°C / 40°C	650 / 560 W		
Peak power	1500 W		
Output AC voltage / frequency (adjustable)	100 - 128 VAC +/- 3% 50Hz or 60Hz +/- 0,1%		
Input voltage range	9,2 – 17 VDC	18,4 – 34,0 VDC	36,8 – 62,0 VDC
Rating and main characteristics:	12/500	24/500	48/500
Cont. Power at 25°C (nonlinear load, crest factor 3:1)	500 VA		
Cont. Power at 25°C / 40°C	400 / 350 W		
Peak power	900 W		
Output AC voltage / frequency (adjustable)	100 - 128 VAC +/- 3% 50Hz or 60Hz +/- 0,1%		
Input voltage range	9,2 – 17 VDC	18,4 – 34,0 VDC	36,8 – 62,0 VDC
Rating and main characteristics:	12/375	24/375	48/375
Cont. Power at 25°C (nonlinear load, crest factor 3:1)	375 VA		
Cont. Power at 25°C / 40°C	300 / 260 W		
Peak power	700 W		
Output AC voltage / frequency (adjustable)	100 - 128 VAC +/- 3% 50Hz or 60Hz +/- 0,1%		
Input voltage range	9,2 – 17 VDC	18,4 – 34,0 VDC	36,8 – 62,0 VDC
Rating and main characteristics:	12/250	24/250	48/250
Cont. Power at 25°C (nonlinear load, crest factor 3:1)	250 VA		
Cont. Power at 25°C / 40°C	200 / 175 W		
Peak power	400 W		
Output AC voltage / frequency (adjustable)	100 - 128 VAC +/- 3% 50Hz or 60Hz +/- 0,1%		
Input voltage range	9,2 – 17 VDC	18,4 – 34,0 VDC	36,8 – 62,0 VDC

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Applicable requirements:

- UL 458 6th Edition

Conditions of acceptability:

- None

General Note:

- Refer to LC Listing Report no. 10.00.20760-1_Rev0



ISO 17020

ISO 17025

ISO 17065

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