

Certificado de producto:

Certificate of product:

17638/462

Versión: 00

VICTRON ENERGY B.V.

FABRICANTE

De Paal 35, 1351 JG

NIT: NL006785955B01

Titular del certificado:

Certificate holder:

Producto:

Product:

REGULADORES O CONTROLADORES DE TENSIÓN PARA CARGA DE BATERÍAS

País de origen:

Country of origin:

NETHERLANDS

Marca:

Brand:

VICTRON ENERGY

Esquema de certificación:

Certification scheme:

Esquema 5 RETIE

Documento(s) normativo(s):

Normative document(s):

Resolución 40117 de 02 de abril de 2024
Ministerio de Minas y Energía de Colombia.
Artículo. 2.2.1. Artículo. 2.2.2.
Artículo 2.3.28

Fecha de expedición:

Issuing date:

2025-11-11

Seguimiento No. 1 antes de:

Surveillance No. 1 before:

2026-11-10

Seguimiento No. 2 antes de:

Surveillance No. 1 before:

2028-07-10

Valido hasta:

Valid until:

2030-11-10



El detalle de productos dentro del alcance de la certificación y otra información relacionada se encuentra en el(los) Anexo(s) de este certificado: Anexo 1: Descripción del producto. Anexo 2: Información adicional

The details of products within the scope of this certificate and other related information can be found in the Annex of this certificate: Annex 1: Product Description. Annex 2: Additional information

Para comprobar la validez de este certificado comuníquese a servicioalclientecol@lenorgroup.com o al número +57 317 653 8123




Director de Certificación
LEONARDO MARIÑO ANGARITA
Firmado digitalmente por LEONARDO MARIÑO ANGARITA
Fecha: 2025.11.11 14:50:41 -05'00'

ANEXO No. 1. Descripción del producto

ANNEX No. 1. Product Description

Certificado de producto No. 17638/462

Certificate of product No.

REGULADORES O CONTROLADORES DE TENSIÓN PARA CARGA DE BATERÍAS

Resolución 40117 de 02 de abril de 2024 del Ministerio de Minas y Energía de Colombia Por la cual se modifica el reglamento técnico de instalaciones eléctricas RETIE. Libro 2 – Título 2 – requisitos generales para los productos utilizados en instalaciones eléctricas (Artículo. 2.1.1. Artículo 2.2.2) Artículo 2.3.28 Reguladores o controladores de tensión para carga de baterías

ÍTEM ITEM	REFERENCIA REFERENCE	DESCRIPCIÓN / CARACTERÍSTICAS TÉCNICAS DESCRIPTION / TECHNICAL CHARACTERISTICS	FAMILIA FAMILY
1	BlueSolar MPPT 75/10	Max PV OC Voltage : 75VDC, Battery Volatge :12/24VDC, Charge current 10A	MPPT Charge controller, Electronics
2	BlueSolar MPPT 75/15	Max PV OC Voltage : 75VDC, Battery Volatge :12/24VDC, Charge current 15A	MPPT Charge controller, Electronics
3	BlueSolar MPPT 100/15	Max PV OC Voltage : 100VDC, Battery Volatge :12/24VDC, Charge current 15A	MPPT Charge controller, Electronics
4	BlueSolar MPPT 100/20 (up to 48V)	Max PV OC Voltage : 100VDC, Battery Volatge :12/24/48VDC, Charge current 20A	MPPT Charge controller, Electronics
5	BlueSolar MPPT 100/30	Max PV OC Voltage : 100VDC, Battery Volatge :12/24VDC, Charge current 30A	MPPT Charge controller, Electronics
6	BlueSolar MPPT 100/50	Max PV OC Voltage : 100VDC, Battery Volatge :12/24VDC, Charge current 50A	MPPT Charge controller, Electronics
7	BlueSolar MPPT 150/35	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 35A	MPPT Charge controller, Electronics
8	BlueSolar MPPT 150/45	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 45A	MPPT Charge controller, Electronics
9	BlueSolar MPPT 150/60-Tr	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 60A	MPPT Charge controller, Electronics
10	BlueSolar MPPT 150/60-MC4	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 60A	MPPT Charge controller, Electronics
11	BlueSolar MPPT 150/70-Tr	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
12	BlueSolar MPPT 150/70-MC4	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
13	BlueSolar MPPT 150/100-Tr VE.Can	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
14	BlueSolar MPPT 250/70-Tr VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
15	BlueSolar MPPT 250/100-Tr VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
16	SmartSolar MPPT 75/10	Max PV OC Voltage : 75VDC, Battery Volatge :12/24VDC, Charge current 10A	MPPT Charge controller, Electronics
17	SmartSolar MPPT 75/15	Max PV OC Voltage : 75VDC, Battery Volatge :12/24VDC, Charge current 15A	MPPT Charge controller, Electronics
18	SmartSolar MPPT 100/15	Max PV OC Voltage : 100VDC, Battery Volatge :12/24VDC, Charge current 15A	MPPT Charge controller, Electronics
19	SmartSolar MPPT 100/20 (up to 48V)	Max PV OC Voltage : 100VDC, Battery Volatge :12/24/48VDC, Charge current 20A	MPPT Charge controller, Electronics
20	SmartSolar MPPT 100/30	Max PV OC Voltage : 100VDC, Battery Volatge :12/24VDC, Charge current 30A	MPPT Charge controller, Electronics
21	SmartSolar MPPT 100/50	Max PV OC Voltage : 100VDC, Battery Volatge :12/24VDC, Charge current 50A	MPPT Charge controller, Electronics



ISO/IEC 17065:2012
11-CPR-005

22	SmartSolar MPPT 150/35	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 35A	MPPT Charge controller, Electronics
23	SmartSolar MPPT 150/45	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 45A	MPPT Charge controller, Electronics
24	SmartSolar MPPT 150/60-Tr	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 60A	MPPT Charge controller, Electronics
25	SmartSolar MPPT 150/60-MC4	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 60A	MPPT Charge controller, Electronics
26	SmartSolar MPPT 150/70-Tr	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
27	SmartSolar MPPT 150/70-Tr VE.Can	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
28	SmartSolar MPPT 150/70-MC4 VE.CAN	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
29	SmartSolar MPPT 150/85-Tr VE.Can	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 85A	MPPT Charge controller, Electronics
30	SmartSolar MPPT 150/85-MC4 VE.Can	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 85A	MPPT Charge controller, Electronics
31	SmartSolar MPPT 150/100-Tr VE.Can	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
32	SmartSolar MPPT 150/100-MC4 VE.Can	Max PV OC Voltage : 150VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
33	SmartSolar MPPT 250/60-Tr	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 60A	MPPT Charge controller, Electronics
34	SmartSolar MPPT 250/60-MC4	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 60A	MPPT Charge controller, Electronics
35	SmartSolar MPPT 250/70-Tr	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
36	SmartSolar MPPT 250/70-Tr VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
37	SmartSolar MPPT 250/70-MC4 VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 70A	MPPT Charge controller, Electronics
38	SmartSolar MPPT 250/85-Tr VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 85A	MPPT Charge controller, Electronics
39	SmartSolar MPPT 250/85-MC4 VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 85A	MPPT Charge controller, Electronics
40	SmartSolar MPPT 250/100-Tr VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
41	SmartSolar MPPT 250/100-MC4 VE.Can	Max PV OC Voltage : 250VDC, Battery Volatge :12/24/48VDC, Charge current 100A	MPPT Charge controller, Electronics
42	SmartSolar MPPT RS 450/100-MC4	Max PV OC Voltage : 450VDC, Battery Volatge :48VDC, Charge current 100A	MPPT Charge controller, Electronics
43	SmartSolar MPPT RS 450/200-MC4	Max PV OC Voltage : 450VDC, Battery Volatge :48VDC, Charge current 200A	MPPT Charge controller, Electronics
Usos permitidos <i>Permitted uses</i>		Solar MPPT Charge Controller	
Prohibiciones <i>Prohibitions</i>		Never use the product at sites where gas or dust explosions could occur.	

****FIN DEL ANEXO No. 1 / END OF ANNEX No. 1****