

Innovolt End-User Terms & Conditions (T&Cs) apply for any purchases or use of Innovolt's Product(s). The below listed Limited Warranty, Power Protection, and Miscellaneous terms are included for your reference and apply to all purchases. The full set of terms and conditions can be found at www.innovolt.com/support. To the extent any terms of your purchase order conflict with these terms listed herein, these T&C's shall control. To the extent any terms conflict with your Direct Contract with Innovolt, the Direct Contract shall control. **Your Product and Asset must be registered.**

- 1. Warranty/Protection Plan.** The Limited Warranty and Protection Plan outlined below are only valid if the Product and related Asset are registered. You can register your Product and Asset on-line on our website www.innovolt.com/support. Registration must be done within the earlier of (i) ten (10) days of installing the Product or (ii) sixty (60) days after purchase ("Registration Time Period"). All fields in the registration form must be completed.
- 2. Limited Warranty.** Subject to the limitations included herein, Innovolt warrants that the Product, when used normally in accordance with the published guidelines, will be free of defects in material and workmanship from the passage of title for the Warranty Period (the "Warranty"). This Warranty applies to the Customer only. Innovolt will repair or replace, at its option, any defective Product returned to us by Customer during the Warranty Period. The Warranty Period for (i) the Products is five (5) years, and (ii) the Services is the Term as stated on the Order Form, if ordered. The Warranty does not cover (i) cosmetic or aesthetic defects in the Products, or (ii) any replacement or repair of the Products or Assets to the extent they suffer damage via a Power Occurrence as defined below. *If the MOV light is lit on your Product or notification of MOV failure has been provided via the IMC, the Product is no longer properly protecting against certain Power Occurrence(s), as defined below, and must be immediately replaced to prevent damage to the Asset ("MOV Replacement").*
- 3. Protection Plan.**
 - A. Definitions:** "Power Occurrence" means one of the five major power disturbances (Under-voltage, Over-voltage, Voltage Sag/Current Inrush, Brownout, Voltage Spike/Surge), as demonstrated on the Device and as defined by accepted industry and regulatory standards. "Properly Connected" means (a) the Asset, which is approved and tested by UL or another equivalent nationally recognized testing laboratory, is plugged directly into the Product, (b) the Product is plugged directly into the power source, (c) there is no "daisy-chaining" in a serial fashion or any other use of power strips, adaptors, extension cords, or third-party power devices; (d) the Product is not used or connected with aquariums or any water-related products and is used for indoor use only in dry locations, (e) all wiring and outlets are properly grounded, and (f) the connection or installation is done to the proper line voltages and pursuant to Innovolt provided instructions and in compliance with all applicable electrical and safety codes. "Fair Market Value" means the current price of the damaged Asset or its damaged parts, as determined by a reputable lab, exchange or other equivalent. "Term" of the Protection Plan is five (5) years.
 - B. Product Protection.** So long as the exclusions below do not apply, Innovolt will, at its sole option, replace, refund, or repair during the Term of the Protection Plan, the Product if damaged by a Power Occurrence while Properly Connected to the Asset.
 - C. Asset Protection.** So long as the exclusions below do not apply, Innovolt will, at its sole option, replace, refund, or repair the Asset's damaged parts or the entire Asset, if required, provided that (i) the Customer has undertaken any required MOV Replacement, and (ii) any repair, replacement, or refund shall be the Fair Market Value (as defined above) of the damaged parts of the Asset or the entire Asset, where the total liability shall not exceed \$100,000 in the aggregate during the Term of the Protection Plan for that particular Product and connected Asset.
- 4. Warranty and Protection Plan Exclusions.** The above Warranty and/or Protection Plan are null and void if: (i) The Product is (a) used outside of the United States of America or Canada, or (b) is transferred, sold, or otherwise provided to a user that is not the original Customer; (ii) The Product and Asset are not registered, where such registration must be done within the Registration Time Period and fully populate all fields; (iii) The Asset is used, refurbished, not new, or not in proper working condition; (iv) The claim is not submitted within ten (10) days of the earlier of (a) the Product MOV light coming on, or (b) damage to your Asset due to a Power Occurrence; (v) The Product is tampered with, recycled, altered, abused, misused, modified or repaired - by anyone outside of Innovolt; (vi) The Product has been used improperly, has not been properly connected (in compliance with electrical code and Innovolt's specifications), has been connected to the wrong voltages or line rating, is outside the limits of its electrical specifications, or in a manner contrary to the Product's operating manual or other written instructions (or the green product indicator does not come on); (vii) The Customer does not follow the RMA process as outlined on Innovolt's website or by calling 1-877-682-7015, or, (viii) there is no evidence demonstrating that the damage to the Product or Asset resulted solely from a Power Occurrence, or the Product is still functioning as designed.
- 5. Miscellaneous Protection Plan/ Warranty Terms.** Innovolt reserves the right to test any claimed damaged Product or Asset, and, to the extent such testing reveals the Product (i) is still functioning as designed or (ii) originally performed as designed to prevent the Power Occurrence, then Innovolt will ship such Product and Asset (or parts) back to Customer at customer's expense. This limited Warranty and Protection Plan is in excess of, and applies only to the extent necessary beyond any coverage for the Asset provided by other sources, including but not limited to, any manufacturer's warranty or any extended warranty coverage. The compensation or reimbursement to be paid by Innovolt to the Customer for any claim under the Warranty or Protection Plan, at the sole option of Innovolt, will be subrogated under any existing insurance policies or warranties available to the Customer. Specifically, the amounts to be paid by Innovolt to Customer under the Protection Plan is in excess of, and applies only to the extent necessary beyond, any coverage for the Asset provided by other sources, including, but not limited to, any manufacturer's warranty, and any extended warranty coverage. If the Asset is covered by an existing insurance policy then the Innovolt liability will be limited to the amount of the deductible of the applicable policy if it is lesser than any reimbursement amount. Pursuant to the RMA process, Customer is responsible for related costs in sending the damaged or defective Product and, if applicable Asset or parts, to Innovolt.
- 6. THIS WARRANTY AND PROTECTION PLAN, IF ORDERED, ARE THE EXCLUSIVE REMEDIES. NO OTHER WARRANTY, GUARANTEE, OR PROTECTION PLAN OF ANY KIND IS MADE OR INCLUDED. UNLESS EXPRESSLY PROVIDED HEREIN, INNOVOLT DISCLAIMS ALL OTHER WARRANTIES AND GUARANTEES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF, QUALITY MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OTHER THAN THOSE WARRANTIES IMPLIED BY, AND INCAPABLE OF EXCLUSION UNDER, APPLICABLE LAW. IF APPLICABLE LAW PROHIBITS SUCH EXCLUSION, THEN ANY RESULTING IMPLIED WARRANTY IS LIMITED IN SCOPE AND DURATION TO THE TERM OF THIS WARRANTY OR IF A LESSER TERM IS SPECIFIED BY APPLICABLE LAW, THEN IT SHALL BE LIMITED TO THE TERM SPECIFIED BY APPLICABLE LAW. SOME STATES OR COUNTRIES DO NOT ALLOW LIMITATIONS ON WARRANTY TYPES OR HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. WE DO NOT ACCEPT LIABILITY BEYOND THE REMEDIES PROVIDED FOR IN THIS LIMITED WARRANTY AND PROTECTION PLAN. IN NO EVENT WILL ANY WARRANTY COMPENSATION, WHETHER THROUGH REPAIR, REPLACEMENT, OR REFUND, EXCEED THE ORIGINAL PURCHASE PRICE ACTUALLY PAID BY THE CUSTOMER FOR THE PRODUCT.**

- 7. LIMITATION OF LIABILITY.** INNOVOLT WILL NOT BE LIABLE FOR ANY INCIDENTAL, INDIRECT, PUNITIVE, SPECIAL, OR CONSEQUENTIAL DAMAGES, WHETHER ARISING OUT OF OR IN CONNECTION WITH THE ASSETS OR PRODUCT(S). INNOVOLT DISCLAIMS AND SHALL HAVE NO LIABILITY FOR THE FOLLOWING: (1) LOSS OF REVENUE, INCOME, PROFIT, OR SAVINGS; (2) LOST OR CORRUPTED DATA OR SOFTWARE, LOSS OF USE OF A SYSTEM OR NETWORK OR THE RECOVERY OF SUCH; (3) LOSS OF BUSINESS OPPORTUNITY; (4) BUSINESS INTERRUPTION OR DOWNTIME; (5) INJURY OR DAMAGE TO PROPERTY, (5) INCREASED LABOR OR OTHER COSTS, OUTSIDE OF THE PARTS DESCRIBED IN THE WARRANTY AND THE PROTECTION PLAN (IF APPLICABLE), OR (6) INNOVOLT PRODUCT OR CUSTOMER'S ASSETS NOT BEING AVAILABLE FOR USE. INNOVOLT'S TOTAL LIABILITY FOR ANY AND ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT SHALL NOT EXCEED THE TOTAL AMOUNT PAID BY CUSTOMER FOR THE SPECIFIC PRODUCT AND APPLICABLE PRODUCT GIVING RISE TO SUCH CLAIM(S), OR IN THE CASE OF THE PROTECTION PLAN, \$100,000 PER PRODUCT AND ASSET FOR THE TERM. THESE LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS SHALL APPLY TO ALL CLAIMS FOR DAMAGES, WHETHER BASED IN CONTRACT, WARRANTY, STRICT LIABILITY, NEGLIGENCE, TORT, OR OTHERWISE. THE PARTIES AGREE THAT THESE LIMITATION OF LIABILITY ARE AGREED ALLOCATIONS OF RISK CONSTITUTING IN PART THE CONSIDERATION FOR INNOVOLT'S PRODUCTS, AND SUCH LIMITATIONS WILL APPLY NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY AND EVEN IF A PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LIABILITIES. INNOVOLT SHALL NOT BE LIABLE FOR (A) ANY WARRANTY OR PROTECTION PLAN CLAIM BROUGHT MORE THAN TEN (10) DAYS AFTER THE CLAIM AROSE, AND (B) ANY OTHER CLAIM BROUGHT MORE THAN ONE (1) YEAR AFTER THE CAUSE OF ACTION FOR SUCH CLAIM FIRST AROSE. THESE LIMITATIONS AND DISCLAIMERS ARE INDEPENDENT PROVISIONS.
- 8. OTHER TERMS:**
 - A. Proprietary Rights/ Limited License Grant.** All right, title, and interest in the intellectual property (including all copyrights, patents, trademarks, trade secrets, and trade dress) embodied in the Product including any documentation, shall belong solely and exclusively to Innovolt, and Customer shall have no rights whatsoever in any of the above, except as expressly granted in this Agreement. You may not reverse engineer, modify, remove, delete, augment, add to, publish, transmit, adapt, translate, participate in the transfer or sale of, create derivative works from, or in any way exploit any of the Product, in whole or in part.
 - B. Indemnification.** Innovolt shall defend and indemnify you against any third-party claim or action that the Product delivered pursuant to this Agreement infringe or misappropriate a third party's U.S. patent, copyright, trade secret, or other intellectual property rights ("**Indemnified Claims**") so long as Innovolt receive prompt notice of such Indemnified Claim. If Innovolt receives prompt notice of an Indemnified Claim then Innovolt shall at its option, (1) obtain a right for you to continue using such Product; (2) modify such Product to make it non-infringing; (3) replace such Product with a non-infringing equivalent; or (4) or provide a reasonable depreciated or pro rata refund for the allegedly infringing Product. Notwithstanding the foregoing, Innovolt shall have no obligation for any claim resulting or arising from (1) modifications of the Product that were not performed by or on behalf of Innovolt; (2) the combination, operation, or use of the Product in connection with a third-party device, software, or service (the combination of which causes the claimed infringement); or (3) Innovolt's compliance with your written specifications or directions, including the incorporation of any materials or processes provided by or requested by you. Innovolt's duty to indemnify and defend under this Section is contingent upon: (x) Innovolt receiving prompt written notice of the third-party claim or action for which Innovolt must indemnify Customer, (y) Innovolt having the right to solely control the defense and resolution of such claim or action, and (z) your cooperation with Innovolt in defending and resolving such claim or action. This Section states Customer's exclusive remedies for any intellectual property claim or action, and nothing in this Agreement or elsewhere will obligate Innovolt to provide any greater indemnity to Customer. You shall defend and indemnify Innovolt against any third-party claim or action arising out of your breach of Innovolt's proprietary rights as stated in this Agreement. Each Party shall defend and indemnify the other Party against any third-party claim or action for (i) personal bodily injury, including death, or (ii) property damage, to the extent (i) or (ii) are directly caused by the indemnifying Party's gross negligence or willful misconduct in the course of performing its obligations under this Agreement. ALL OTHER INDEMNITIES ARE DISCLAIMED. THE INDEMNITY OBLIGATION TERMINATES AT THE END OF THE WARRANTY PERIOD.
 - C. Miscellaneous.** Customer shall not utilize the Product for any government purposes without the prior written consent of Innovolt. The documentation provided with the Devices and Software are "commercial items" as that term is defined at 48 C.F.R. 2.101, consisting of "commercial computer software" and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212. Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4, all U.S. Government end-users acquire the documentation with only those rights set forth herein. This Agreement and any claim, dispute, or controversy (whether in contract or equity), or otherwise, including statutory, consumer protection, common law, intentional tort and equitable claims) between Customer and Innovolt, including any related party arising from or relating to this Agreement, its interpretation, or the breach, termination or validity thereof, or any related relationship or purchase (a "Dispute") shall be governed by the laws of the State of Georgia, USA, without regard to conflicts of law. The parties agree that the UN Convention for the International Sale of Goods will have no force or effect on this Agreement. Any contravention or dispute arising out of or relating to this Agreement, or the breach thereof, which cannot otherwise be resolved as noted in Section 3(B), shall be resolved by arbitration conducted in accordance with American Arbitration Association in Atlanta, Georgia in Fulton County. The Parties waive any right to appeal the arbitral award, to the extent a right to appeal may be lawfully waived. Notice to Innovolt under this Agreement or any related Product Agreement must be in writing and sent by postage prepaid first-class mail or receipted courier service to the address below or to such other address (including facsimile or e-mail) as specified in writing, and will be effective upon receipt. Innovolt, Inc., Attn: General Counsel; 14 Piedmont Center, Suite 1205, 3535 Piedmont Road, NE, Atlanta, GA 30305.



INNOVOLT™

powering performance

InnovoltPro

POWER PROTECTION SOLUTION

Our solutions are proven to lower service costs, improve reliability and reduce downtime of electronic equipment—saving customers millions of dollars per year.

P2000-208 Series

INNOVOLT'S USER MANUAL

TERMS & CONDITIONS FOR ACCEPTANCE & USE OF THE ENCLOSED PRODUCT

PLEASE READ THIS AGREEMENT AND MANUAL BEFORE USING THE PRODUCT, AS IT CONTAINS IMPORTANT SAFETY INFORMATION.

Acceptance or use of the product is subject to the terms included herein. To the extent you do not agree with the terms and conditions, you must immediately return (within five days of receipt) the product to Innovolt by following the RMA process outlined on the back of this document. This product is only approved for use in the United States and Canada. Do not use this product outside of those territories. U.S. and foreign patents apply to this product. For details please visit: www.innovolt.com/patents.



CAUTION: To Reduce The Risk of Electric Shock Use Indoors Only. Use only in Dry Locations.

Hazardous Voltage. Will cause death or serious injury.

Tensión peligrosa. Puede causar la muerte o lesiones graves.

Tension danereuse. Danger de mort ou risque de blessures graves.

INSTALLATION:

Caution: The Innovolt Appliance is intended for indoor use in dry conditions.

1. Plug an Ethernet cable into the Ethernet port marked "IN" on the back of the Innovolt Appliance.
2. Plug the other end of the Ethernet cable into your internet-connected Ethernet port that supports DHCP. (If your electrical equipment being protected currently uses an internet-connected Ethernet port, you can plug the Innovolt Appliance into that port) (**InnovoltPro Plus ONLY**)
3. Plug the Innovolt INPUT CORD into a 3-prong grounded outlet.
4. If the SOURCE Fault LED is red, it indicates a faulty or nonexistent ground circuit, line/neutral wiring swap or neutral to ground voltage. This must be corrected prior to using the Innovolt Appliance as it is only intended for use in facilities that are wired to the applicable Electric Code(s).
5. The PWR/DATA LED will glow green to indicate that the Innovolt Appliance unit is **operational and ready for use.**
6. Unplug the Innovolt INPUT CORD from the 3-prong grounded outlet.
7. If your electrical equipment has an Ethernet connection, plug that Ethernet cable into the Ethernet port marked "OUT" on the back of the Innovolt Appliance.
8. Plug the power cord from your electrical equipment into the Innovolt Appliance.
9. Plug the Innovolt INPUT CORD into the 3-prong grounded outlet.
10. After a few seconds delay, the Innovolt Appliance will power up the protected electrical equipment.

For additional information please see www.innovolt.com/support

CERTIFICATIONS:

This Innovolt Appliance complies with:

- UL 1449 3rd Edition
- 497 A/B Paired Conductor
- UL 1283
- UL 60730-1 4th Edition (**InnovoltPro Plus ONLY**)

LIMITED WARRANTY:

Innovolt provides a Limited Warranty to its End-Customers through its Distributors, Resellers, and Direct Enterprise Customers ("Pass Through Warranty"). To the extent you do not have or have misplaced your warranty information, please contact the entity from whom you purchased the Innovolt products. If you do not have Innovolt terms and conditions for the product purchased from the distributor, reseller, or other entity, the terms and conditions for use and acceptance of the product may be found on the back of this manual. To the extent there are any conflicting terms and conditions between those herein and the Pass Through Warranty, the Pass Through Warranty will control.

INDICATIONS:



POWER/DATA:

Green LED ON

- o AC line voltage within normal limits
- o Optical Data download possible with Innovolt PDSA SmartPhone Reader

Green LED Flashing

- o Appliance initialization

EVENT:

Red LED ON

- o Load is isolated

Red LED Flashing

- o Flashes for 2 minutes following a recovery from an Over Voltage/Brownout/Sag

SOURCE Fault:

Red LED ON

- o Line/Neutral swap detected, or
- o Faulty or nonexistent ground circuit detected, or
- o Neutral to Ground Voltage detected

Red LED Flashing

- o Source fault above detected and load has been isolated. (on configured models)

MOV Fail:

Red LED ON

- o This Innovolt Appliance features internal protection for the Line/Neutral surge protection component that will permanently disconnect the power to the load at the end of its useful life indicating that the Innovolt appliance needs to be replaced. Please contact Innovolt (www.innovolt.com/support) for instructions on obtaining a replacement appliance.

Ethernet Ports:

Green LED ON

- o 100Mb/s Port Speed Selected

Yellow LED ON

- o Link established

Yellow LED Flashing

- o Ethernet transmissions occurring

SPECIFICATIONS:

PARAMETER	P2000-208V Series
Nominal Operating Voltage	208V 60 Hz
Maximum Continuous Operating Voltage (MCOV)	220V 60 Hz
Maximum Continuous Current	20A
Over Voltage Threshold	>294V (+/- 4V)
Under Voltage Limit	<160V (+/- 4V)
VPR	900V L-L L900L-G
I _n	3kA
Ambient Operating Temperature	0°C-40°C
Ethernet Port Speed - InnovoltPro	10/100/1000 Mbit/s
Ethernet Port Speed - InnovoltPro Plus	10/100 Mbit/s
UL 1449 3 rd Edition	Type 3 SPD

INSTALACIÓN:

Precaución: el dispositivo Innovolt está diseñado para utilizarse en ambientes cerrados y en condiciones secas.

1. Enchufe un cable Ethernet en el puerto Ethernet con la marca "IN" (entrada) en la parte posterior del dispositivo Innovolt.
2. Enchufe el otro extremo del cable Ethernet en el puerto Ethernet conectado a Internet que admite DHCP. (Si su equipo eléctrico protegido actualmente usa un puerto Ethernet conectado a Internet, puede enchufar el dispositivo Innovolt en dicho puerto) (**InnovoltPro Plus ÚNICAMENTE**).
3. Enchufe el CABLE DE ENTRADA Innovolt en un tomacorriente con puesta a tierra para 3 puntas.
4. Si el LED de falla de la FUENTE está en rojo, indica un circuito a tierra defectuoso o que no existe tal circuito, que la línea o cableado del conductor neutro se ha invertido o un voltaje neutro a tierra. Esto debe corregirse antes de usar el dispositivo Innovolt ya que este está diseñado para ser usado únicamente en lugares cuya instalación eléctrica se haya hecho conforme a las normas de los códigos eléctricos aplicables.
5. El LED PWR/DATA se encenderá de color verde para indicar que la unidad del dispositivo Innovolt está **funcionando y está lista para usarse.**
6. Desenchufe el CABLE DE ENTRADA Innovolt del tomacorriente con puesta a tierra para 3 puntas.
7. Si su equipo eléctrico tiene una conexión Ethernet, enchufe el cable Ethernet en el puerto Ethernet con la marca "OUT" (salida) en la parte posterior del dispositivo Innovolt.
8. Enchufe el cable de alimentación del equipo eléctrico en el dispositivo Innovolt.
9. Enchufe el CABLE DE ENTRADA Innovolt en el tomacorriente con puesta a tierra para 3 puntas.
10. Pasados unos segundos, el dispositivo Innovolt encenderá el equipo eléctrico protegido.

Para obtener información adicional, visite www.innovolt.com/support

CERTIFICACIONES:

Este dispositivo Innovolt cumple con las normas:

- UL 1449 3.ª edición
- Conductores 497 par A/B
- UL 1283
- UL 60730-1 4.ª edición (**InnovoltPro Plus ÚNICAMENTE**)

GARANTÍA LIMITADA:

Innovolt ofrece una garantía limitada para sus Clientes finales a través de sus Distribuidores, Revendedores y Clientes empresariales directos ("Garantía de transferencia"). En la medida en que no tenga o haya extraviado la información de su garantía, comuníquese con la entidad a la que le compró los productos Innovolt. Si no tiene los términos y condiciones para el producto Innovolt adquirido de un distribuidor, revendedor u otra entidad, los términos y las condiciones de uso y aceptación del producto pueden encontrarse en la parte posterior de este manual. En la medida en que exista algún conflicto entre los términos y condiciones que se encuentran en el presente documento y aquellos que se encuentran en la Garantía de transferencia, prevalecerán los de la Garantía de transferencia.

INDICACIONES:



POWER/DATA:

LED verde encendido

- o Tensión de línea de CA dentro de los límites normales.
- o Es posible descargar datos ópticos usando SmartPhone Reader del PDSA Innovolt.

LED verde parpadeante

- o Inicialización del dispositivo

EVENTO:

LED rojo encendido

- o La carga está aislada

LED rojo parpadeante

- o Parpadea durante 2 minutos luego de la recuperación de un pico de tensión/subtensión/oscilación

Falla de FUENTE:

LED rojo encendido

- o Se detectó que la línea o cableado del conductor neutro se ha invertido, o
- o Se detectó un circuito a tierra defectuoso o que no existe tal circuito, o
- o Se detectó un voltaje neutro a tierra

LED rojo parpadeante

- o Se detectó falla de fuente y la carga se ha aislado. (en modelos configurados)

Falla de MOV:

LED rojo encendido

- o Este dispositivo Innovolt viene con protección interna para el componente de protección contra picos de tensión de líneas/neutros que permanentemente desconectará la energía hasta la carga al final de su vida útil, lo que indica que el dispositivo Innovolt debe reemplazarse. Comuníquese con Innovolt (www.innovolt.com/support) para recibir instrucciones sobre cómo obtener un dispositivo de reemplazo.

Puertos Ethernet:

LED verde encendido

- o Velocidad de puerto seleccionada de 100 Mb/s

LED amarillo encendido

- o Se estableció el enlace

LED amarillo parpadeante

- o Se están produciendo transmisiones Ethernet

ESPECIFICACIONES:

PARÁMETRO	P2000- Serie 208 V
Tensión operativa nominal	208 V 60 Hz
Máxima tensión operativa continua (MCOV)	220 V 60 Hz
Máxima corriente continua	20 A
Umbral de sobretensión	>294 V (+/- 4 V)
Límite de subtensión	<160 V (+/- 4 V)
Nivel de protección en tensión (VPR)	900 V L-L 900 V L-G
I _n	3 kA
Temperatura ambiente de funcionamiento	De 0 °C a 40 °C
Velocidad del puerto Ethernet - InnovoltPro	10/100/1000 Mbit/s
Velocidad del puerto Ethernet - InnovoltPro Plus	10/100 Mbit/s
UL 1449 3.ª edición	Tipo 3 SPD

INSTALLATION :

Mise en garde : L'appareil Innovolt est prévu pour un usage à l'intérieur au sec.

1. Brancher un câble Ethernet dans le port Ethernet marqué « IN » à l'arrière de l'appareil Innovolt.
2. Brancher l'autre extrémité du câble Ethernet dans le port Ethernet connecté à Internet et prenant en charge le protocole DHCP. (Si votre équipement électrique protégé actuellement utilise un port connecté à Internet, vous pouvez brancher l'appareil Innovolt dans ce port) (**InnovoltPro Plus UNIQUEMENT**).
3. Brancher le CORDON D'ENTRÉE D'ALIMENTATION de l'appareil Innovolt dans une prise pour fiche à trois broches mise à la terre.
4. Si la DEL d'anomalie de CÂBLAGE est allumée en rouge, cela indique qu'un circuit de mise à la terre est défectueux ou inexistant, que la ligne ou le câblage du conducteur neutre a été inversé ou qu'il existe une tension du fil neutre à la terre. Cette situation doit être corrigée avant d'utiliser l'appareil Innovolt, car son usage est prévu dans les installations câblées selon **les codes de l'électricité applicables.**
5. La DEL D'ALIMENTATION s'allumera en vert pour indiquer que l'unité Innovolt est fonctionnelle et prête à l'emploi.
6. Débrancher le CORDON D'ALIMENTATION ENTRANTE de l'appareil Innovolt de la prise pour fiche à trois broches mise à la terre.
7. Si votre équipement électrique a une connexion Ethernet, brancher le câble Ethernet dans le port Ethernet marqué « OUT » à l'arrière de l'appareil Innovolt.
8. Brancher le cordon d'alimentation de votre équipement électrique dans l'appareil Innovolt.
9. Brancher le CORDON D'ENTRÉE D'ALIMENTATION de l'appareil Innovolt dans la prise pour fiche à trois broches mise à la terre.
10. Après un délai de quelques secondes, l'appareil Innovolt mettra sous tension l'équipement électrique protégé.

Pour de l'information supplémentaire, aller à www.innovolt.com/support

CERTIFICATIONS :

Cet appareil Innovolt est conforme à :

- UL 1449 3^e édition
- Conducteur apparié 497 A/B
- UL 1283
- UL 60730-1 4^e édition (**InnovoltPro Plus UNIQUEMENT**)

GARANTIE LIMITÉE :

Innovolt offre une garantie limitée aux clients finaux par l'entremise de ses distributeurs, revendeurs, clients d'entreprise directs (« garantie Pass-Through »). Dans la mesure où vous n'avez pas l'information de garantie ou l'avez égarée, veuillez contacter l'entreprise auprès de laquelle vous avez acheté les produits Innovolt. Si vous n'avez pas les conditions générales concernant le produit acheté auprès du distributeur, du revendeur ou d'une autre entreprise, les conditions générales d'utilisation et d'acceptation du produit peuvent être fournies au verso de ce manuel. Dans la mesure où il y aurait divergence entre les conditions générales stipulées aux présentes et celles de la garantie Pass-Through, cette dernière prévaudra.

INDICATIONS :



ALIMENTATION/DONNÉES :

DEL verte allumée

- o Tension de ligne c. a. dans les limites normales
- o Téléchargement possibles des données optiques grâce au lecteur de téléphone intelligent PDSA d'Innovolt.

DEL verte clignotante

- o Initialisation de l'appareil

ÉVÈNEMENT :

DEL rouge allumée

- o La charge est isolée

DEL rouge clignotante

- o Clignote pendant 2 minutes à la suite d'une surtension/baisse de tension/baisse de tension soudaine

Anomalie de SOURCE :

DEL rouge allumée

- o Inversion de ligne/conducteur neutre détectée, ou
- o Circuit de mise à la terre défectueux ou non existant détecté, ou
- o Tension détectée du fil neutre à la terre

DEL rouge clignotante

- o Anomalie de source ci-dessus détectée, la charge a été isolée (sur les modèles configurés)

Anomalie MOV :

DEL rouge allumée

- o Cet appareil Innovolt est doté d'une protection interne du composant de protection contre les surtensions de la ligne/du conducteur neutre qui déconnectera de manière permanente l'alimentation à la charge à la fin de sa vie utile, indiquant que l'appareil Innovolt doit être remplacé. Contacter Innovolt (www.innovolt.com/support) pour des instructions sur la façon d'obtenir un appareil de rechange.

Ports Ethernet :

DEL verte allumée

- o Vitesse du port sélectionnée 100 Mb/s

DEL jaune allumée

- o Lien établi

DEL jaune clignotante

- o Occurrences de transmissions Ethernet

CARACTÉRISTIQUES TECHNIQUES :

PARAMÈTRE	Série P2000-208 V
Tension de service nominale	208 V 60 Hz
Tension de service continue maximale (MCOV)	220 V 60 Hz
Courant continu maximal	20 A
Seuil de surtension	>294 V (+/- 4 V)
Limite de sous-tension	<160 V (+/- 4 V)
Protection voltétrique nominale	900 V L-L 900 V L-G
I _n	3 kA
Température ambiante de service	0 °C - 40 °C
Vitesse du port Ethernet - InnovoltPro	10/100/1 000 Mb/s
Vitesse du port Ethernet - InnovoltPro Plus	10/100 Mb/s
UL 1449 3 ^e édition	Type 3 SPD