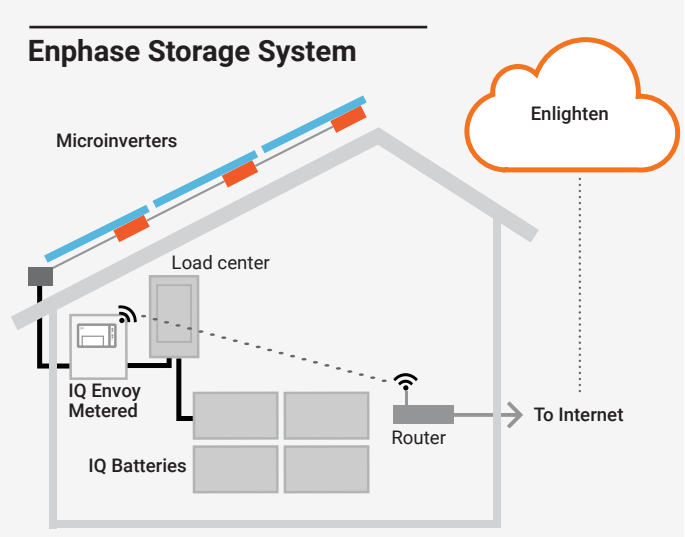
QUICK **INSTALL** GUIDE (Model IQPLUS-B1200-LL-I-US00-RV1)

ENPHASE.

Installing the **Enphase IQ Battery**

To install the Enphase IQ Battery™ and the Enphase Wall-Mount Bracket, read and follow all warnings and instructions in this guide and in the ***Enphase IQ Battery Installation and Operation Manual*** at enphase.com/support. Safety warnings are listed on the back of this guide. These instructions are not meant to be a complete explanation of how to design and install an energy storage system. All installations must comply with national and local electrical codes and standards. **Only qualified electricians shall install, troubleshoot, or replace the IQ Battery.**

The Enphase Storage System includes the Enphase IQ Battery with integrated Enphase Microinverter™. The system uses the Enphase IQ Envoy™ to measure PV production and home energy consumption. The system senses when it is optimal to charge or discharge the battery so that energy is stored when it is abundant and used when scarce.



PREPARATION

A) Inspect the packaging and the IQ Battery for damage. Do not install or use the IQ Battery if it has been damaged in any way.

B) Ensure that you have the following:

- One or more Enphase IQ Battery(ies): The IQ Battery shipping box contains an Enphase IQ Battery and an access panel cover.

  NOTE: Check the "Must Energize By" label on the shipping box to verify that the IQ Battery will be installed by the date shown.

- An equal number of Enphase Wall Mount Brackets (BWM-16IN-B): The wall-mount bracket shipping box includes only the bracket. The brackets accommodates 16-inch stud-spacing.

C) Make sure you have the following **required** items:

- Enphase IQ Envoy communications gateway with production CT(s) and consumption CT(s) installed and configured as described in the ***Enphase IQ Envoy Quick Install Guide***. The Enphase IQ Battery requires an Internet connection (through the Envoy). Failure to maintain an Internet connection may have an impact on the warranty. See enphase.com/warranty for full terms and services.
- Mounting location that is structurally suited to bearing the weight of the IQ Battery. The wall must have appropriately spaced studs (16 inches) or can be of masonry or other suitable structure.
- Tools: conduit (with fittings and fitting tools), drill, 5/32 inch pilot bit, screwdriver, socket, wrench, adjustable wrench, torque wrench, level, 5/32 inch Allen key, and wire stripper.
- Four 1/4 inch diameter lag bolts/screws, 1 to 2 inches long (depending on attachment wall), for each wall-mount bracket. Check with a structural engineer and local standards for requirements for your site.
- Washers for use between fastener heads and wall-mount bracket.
- 12 AWG to 20 AWG (7/16 inch strip length) copper conductors (rated at 75° C or 90° C) for push terminals.
- Gland or strain relief fitting (one for each used conduit opening in the AC junction box).
- 20A maximum over current protection in accordance with local standards.
- Personal protective equipment (PPE) for handling lithium ion batteries as required by local safety standards.
- Stud finder.

D) Install the PV system and the IQ Envoy as directed by the installation manuals.

E) To record the location(s) of the IQ Battery(ies), peel the removable serial number label from each battery and affix it to the respective location on a paper installation map. You will scan this map later using Enphase Installer Toolkit™ and your mobile device. You can find an example installation map at the back of any Enphase Microinverter manual.

INSTALLATION

1 Choose a location for the IQ Battery array

The IQ Battery housing is a NEMA type 2 metallic enclosure. The terminal blocks on the wall-mount bracket accept a maximum conductor size of 12 AWG.

A) **Following local standards,** choose a well-ventilated, indoor location (like a garage), which is out of direct sunlight and where the ambient temperature and humidity are within -4° F to 113° F (-20° C to 45° C) and 5% to 95% RH, non-condensing.

B) Ensure that the mounting location can sustain the weight of the IQ Battery and mounting bracket (60 lbs per battery).

C) Plan the mounting location to be at least one foot off the ground and one foot from the ceiling. Keep the battery(ies) away from falling or moving objects, including motor vehicles.

⚠ **WARNING:** If mounted in the direct path of a motor vehicle, we recommend a 36-inch minimum (91 cm) mounting height.

D) Ensure that there are no pipes or electrical wires where you plan to drill.

E) Plan to maintain at least one foot of clearance in front of each battery.

F) Consider the dimensions of the IQ Battery, easy access, height, and length of cable when selecting the location.

G) Do not block the vents or allow liquids to contact the IQ Battery. The IQ Battery is not waterproof.

H) Select a location where you can interconnect to the site's load center using an appropriate branch circuit.

I) **Following local standards,** decide whether to connect using external conduit or by wiring inside the walls. This determines which knockouts to use in the junction box.

J) If you are installing more than one IQ Battery, continue to maintain minimum required clearances as shown in **Step 2**.

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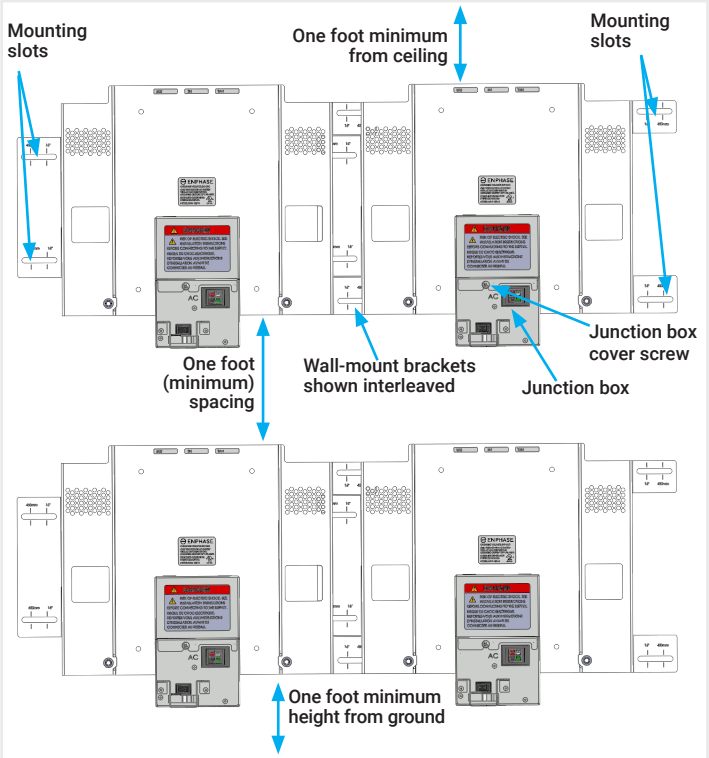
2 Install the wall-mount bracket

A) Make sure that the wall-mount bracket matches the wall stud spacing and that the lowest wall-mount bracket position meets clearance requirements as shown.



⚠ **WARNING!** Risk of injury and equipment damage. Protect the IQ Battery from impact damage and improper use.

B) Remove the appropriate knockout(s) for the planned entry into the wall-mount bracket junction box:
- If wiring inside the walls, use the knockout(s) in the back of each junction box. If using conduit, use the knockouts at the bottom of the junction box.
- If installing only one battery or when installing the last battery in the array, use only one knockout.
- Loosen the screw securing the junction box cover and remove the cover. Keep the cover handy as you will need it later.

C) Starting at battery position closest to the power source, mark a level line on the wall as a guide.

⚠ **WARNING!** Multiple risks. Make sure not to drill or attach into electric wiring or pipes that are in the wall!

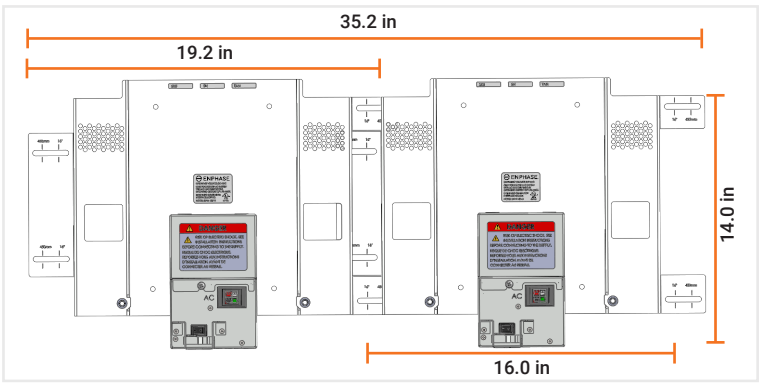
D) Place the wall-mount bracket on the wall so that the mark on the bracket aligns with the center of the stud. Use a level to keep the top of the wall-mount bracket flat, and attach each corner of the wall-mount bracket using one screw and washer for each slot.

E) Verify that the wall-mount bracket is solidly attached to the wall.

⚠ **WARNING!** Risk of injury and equipment damage. Do not mount an IQ Battery on a bracket that is not properly mounted.

F) If installing additional batteries, install the adjacent wall-mount brackets in an interleaved fashion, as needed. Be sure to align the mark on the adjacent wall-mount bracket to the center of the wall stud. A small overlap in adjacent brackets is normal. You may install another row of brackets above the one already installed. Maintain at least one foot clearance between rows.

Dimensions for the 16-inch wall-mount bracket (BWM-16IN-B):



3 Install the AC disconnect, if required

Following all local codes and standards:

A) Choose an AC disconnect that can break the maximum rated current of the branch circuit under load (20 A maximum).

B) Connect one side of the disconnect to the load center.

C) Verify that AC voltage at the site is within range: single-phase L1 to L2 voltage must measure between 211 and 264 VAC, while L-N should measure between 106 and 132 VAC.

4 Wire the junction box

A) Size the conductors (Line, Neutral and Ground) depending on the upstream breaker or fuse. Use 12 AWG to 20 AWG wire with maximum 20A branch circuit protection.

⚠ **DANGER!** Risk of electric shock. Check that the dedicated circuit breaker protecting the branch where the IQ Battery will be connected is turned off before wiring.

⚠ **WARNING!** Risk of equipment damage. Always connect to two Lines (active) and to one Neutral.

B) Using the conductors and suitable conduits, connect the AC isolator (if used) and the first adjacent IQ Battery junction box. Use the openings provided by the knockouts to connect the conduit and pass the wires through them.

NOTE: Do not modify or rewire the pre-installed wiring or bonding connections in the junction box.

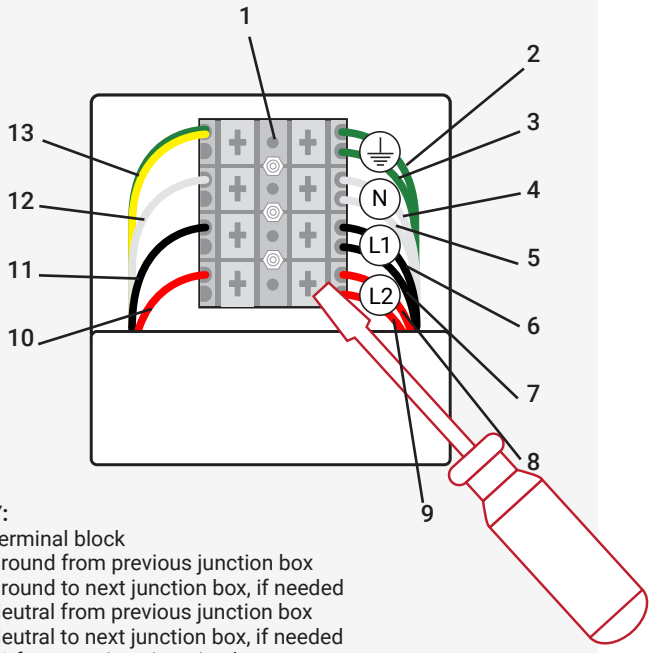
C) Connect each wire in the junction box to its corresponding conductor (Line, Neutral and Ground). Each push terminal accepts two 12 AWG to 20 AWG conductors (7/16 inch strip length). For each, use a screw driver to depress and open the terminal, then insert the stripped conductor.

D) After all wires in the junction box are connected and secured, check that there are no exposed conductors.

E) If connecting additional IQ Batteries, use another conduit and another set of wires to connect between junction boxes.

F) Gently arrange all the wires and connectors inside the junction box and replace the cover. Tighten the cover screw using a Phillips screw driver.

⚠ **DANGER!** Risk of electric shock. The system is not ready to be energized! Do not close the circuit breaker yet.



KEY:
1. Terminal block
2. Ground from previous junction box
3. Ground to next junction box, if needed
4. Neutral from previous junction box
5. Neutral to next junction box, if needed
6. L1 from previous junction box
7. L1 to next junction box, if needed
8. L2 from previous junction box
9. L2 to next junction box, if needed
10. L2 from this junction box, to connector
11. L1 from this junction box, to connector
12. Neutral from this junction box to connector
13. Ground from this junction box, to chassis screw

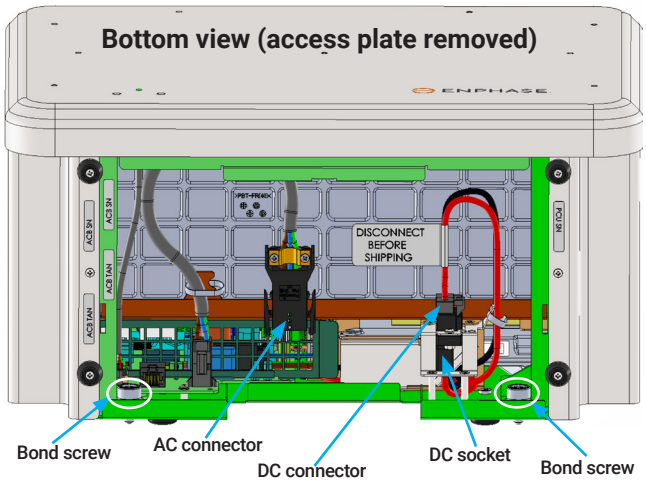
5 Mount the IQ Battery on the wall

⚠ **WARNING!** Risk of injury and equipment damage. Avoid dropping the IQ Battery. Doing so may create a hazard, cause serious injury, and/or damage the equipment.

⚠ **WARNING:** Before mounting the Enphase IQ Battery, ensure that the junction box cover is secured!

⚠ **WARNING**: Take care when lifting the IQ Battery. The IQ Battery is heavy and may require two persons to lift.

A) Using both hands, take the IQ Battery from the packaging and place it right side up on a flat surface. Be sure that the AC connector is not pinched underneath.



B) Begin by installing the IQ Battery located closest to the main supply. Using the two grip insets on the side of the IQ Battery, lift and carry the IQ Battery to the installed wall-mount bracket.

C) While setting the IQ Battery onto the wall-mount bracket, ensure that the four tabs on the IQ Battery are inserted into their corresponding openings in the wall-mount bracket. After the tabs are inserted, begin lowering the IQ Battery slowly to ensure that the tabs have latched onto the wall-mount bracket.

⚠ **WARNING!** Risk of injury and equipment damage. Do not release the IQ Battery until you ensure that all four tabs have safely latched onto the wall-mount bracket.

⚠ **WARNING!** Risk of equipment damage. When placing the IQ Battery on the wall-mount bracket, ensure that the junction box does not pinch the DC connector, the AC connector, or its cable.

D) Use a Phillips #2 screwdriver to secure the two bond screws into the wall-mount bracket. The bond screws are accessible through the bottom access compartment. The bond screws provide a grounding bond between the IQ Battery and the wall-mount bracket.

⚠ **WARNING!** Always secure the bond screws to ensure a grounding bond and firm mechanical attachment of IQ Battery to wall-mount bracket.

E) Plug the DC connector into the DC socket. Listen for a clicking sound as the connectors engage.

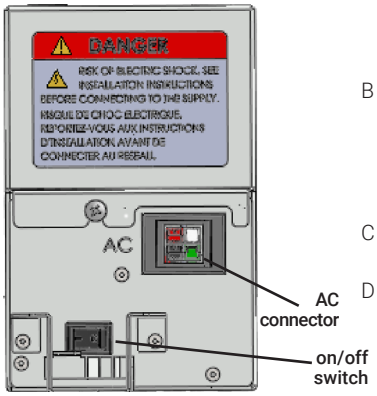
⚠ **WARNING!** Risk of equipment damage. Do not connect the AC connector until the DC connector is completely engaged.

NOTE: This action connects the internal battery to the internal electronics; you **must** disconnect it if you move the IQ Battery.

NOTE: Check that the wall-mount bracket junction box is fully inside the access compartment of the IQ Battery. The IQ Battery **must not** rest on the junction box or rely on it for support.

F) Connect the battery AC connector into the AC connector on the junction box. Listen for a clicking sound as the connectors engage.

G) Attach the bottom access plate and secure the two compression half-turn latches using a 5/32-inch Allen key.



6 Energize the system

⚠ **WARNING:** Before energizing, make sure that ALL IQ Batteries in the system are properly installed and conductors terminated.

A) Check that the IQ Battery bottom access plates on all IQ Batteries in the system are closed and secured.

B) Turn on the circuit feeding the IQ Battery(ies).

C) Flip the switch on the AC junction box to the on position.

D) The IQ Battery LED should now be solid red for the duration of the startup process. If the LED is not solid red, see the following section on Troubleshooting.

CONFIGURE and ACTIVATE

Use the Enphase Installer Toolkit to commission the IQ Battery(ies). Once connected to the Envoy, refer to the Installer Toolkit help topics for more information.

After the IQ Envoy has detected the IQ Battery(ies), the IQ Battery LEDs operate as described in the following section.

OPERATION

a LED overview

The LED flashes yellow while the IQ Battery boots up. If the LED rapidly flashes green for more than two minutes, the battery is in trickle charge mode and will remain so until it reaches a minimum state of charge (up to 30 minutes). After the IQ Battery is booted up, the LED becomes blue or green depending on the charge level. If the LED flashes yellow after one hour or changes to a flashing red state, contact Enphase Customer Support at enphase.com/en-us/support/contact.

State	Description
Rapidly flashing yellow	Starting up / Establishing communications
Red flashes in sequences of 2	Error. See "Troubleshooting".
Solid yellow	Not operating due to high temperature. See "Troubleshooting".
Solid blue or green	Idle. Color transitions from blue to green as state of charge increases. You can check Enlighten for charge status.
Slowly flashing blue	Discharging
Slowly flashing green	Charging
Slowly flashing yellow	Sleep mode activated
Off	Not operating. See "Troubleshooting".

b Troubleshooting

If the IQ Battery is not operating correctly, perform the following steps. If the issue persists, contact Enphase Customer Support at enphase.com/en-us/support/contact.

A) If the IQ Battery does not operate, check the temperature in the room and increase cooling and/or ventilation as required. Check that the front, top, and sides of the IQ Battery array have at least one foot of unobstructed clearance.

B) If the IQ Battery LED is off, turn off the breaker for the branch circuit, wait for at least one minute, and turn it back on.

NOTE: During a brownout or blackout, the IQ Battery powers down automatically. This is normal. When power is restored, it automatically starts up again.

C) If you do not see IQ Battery information in Enlighten, check that the IQ Envoy and the Internet connection are working.

D) Refer to the *IQ Battery Installation and Operation Manual* at enphase.com/support to read more about troubleshooting IQ Battery operation.

SAFETY

IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS. This guide contains important instructions that you must follow during installation and maintenance of the Enphase IQ Battery. Failing to follow any of these instructions may void the warranty (enphase.com/warranty).

In Case of Fire or Other Emergency

In all cases:

- If safe to do so, switch off the AC breaker for the IQ Battery circuit, and if an isolator switch is present, switch off the AC isolator for the IQ Battery circuit.
- Contact the fire department or other required emergency response team.
- Evacuate the area.

In case of fire:

- When safe, use a fire extinguisher. Suitable types are A, B, and C dry chemical fire extinguishers. Additional extinguishing media include carbon dioxide, or alcohol-resistant foams.

In case of flooding:

- Stay out of water if any part of the IQ Battery or wiring is submerged.
- If possible, protect the system by finding and stopping the source of the water, and pumping it away.
- If water has contacted the battery, call your installer to arrange a replacement. If not, let the area dry completely before use.

In case of unusual noise, smell or smoke:

- Ensure nothing is in contact with the IQ Battery or in the venting area on top of the IQ Battery.
- Ventilate the room.
- Contact Enphase Customer Support at enphase.com/en-us/support/contact.

Safety and Advisory Symbols

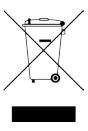
⚠	**DANGER**: This indicates a hazardous situation, which if not avoided, will result in death or serious injury.
⚠	**WARNING**: This indicates a situation where failure to follow instructions may be a safety hazard or cause equipment malfunction. Use extreme caution and follow instructions carefully.
✓	**NOTE**: This indicates information particularly important for optimal system operation. Follow instructions carefully.

Safety Instructions

⚠	**DANGER**: Risk of electric shock. Risk of fire. Only qualified electricians should install, troubleshoot, or replace the IQ Battery.
⚠	**DANGER**: Risk of fire or explosion. Only qualified personnel, using personal protective equipment (PPE) should transport or handle the IQ Battery.
⚠	**DANGER**: Risk of explosion. Do not dispose of IQ Battery(ies) in a fire or by burning. The IQ Battery(ies) can explode.
⚠	**DANGER:** Risk of fire. During use, when stored, or during transport, keep the IQ Battery in an area that is well ventilated and protected from the elements, where ambient temperature is between -4° F and 113° F, and where relative humidity is between 5 and 95 percent. Do not install the IQ Battery at elevations over 6,000 feet (1,829 m) above sea level.
⚠	**DANGER:** Risk of fire. If the IQ Battery generates smoke, remove AC power from the Enphase System so that charging/discharging stops.
⚠	**DANGER:** Risk of electric shock. Risk of fire. Do not attempt to repair the IQ Battery; it contains no user-serviceable parts. Tampering with or opening the IQ Battery will void the warranty. Warranty void if the battery housing is removed. If the IQ Battery fails, contact Enphase Customer Support for assistance at enphase.com/en-us/support/contact.
⚠	**DANGER**: Risk of electric shock. Do not use Enphase equipment in a manner not specified by the manufacturer. Doing so may cause death or injury to persons, or damage to equipment.
⚠	**DANGER**: Risk of electric shock. Do not install the IQ Battery without first removing AC power from the photovoltaic system. Disconnect the power coming from the photovoltaics before servicing or installing.
⚠	**DANGER**: Risk of electric shock. Always de-energize the AC branch circuit during an emergency and/or before servicing the IQ Battery. Never disconnect the DC connectors under load.
⚠	**DANGER**: Risk of electric shock. Risk of high short-circuit current. Observe the following precautions when working on batteries: • Remove watches, rings, or other metal objects. • Use tools with insulated handles. • Wear rubber gloves and boots. • Do not lay tools or metal parts on top of batteries.
⚠	**DANGER**: Risk of electric shock. Risk of fire. Do not work alone. Someone should be in the range of your voice or close enough to come to your aid when you work with or near electrical equipment.
⚠	**DANGER**: Risk of fire. Do not allow or place flammable, sparking, or explosive items near the IQ Battery.
⚠	**DANGER**: Risk of electric shock. In areas where flooding is possible, install the IQ Battery at a height that prevents water ingress.
⚠	**WARNING**: Risk of equipment damage. During use, storage, transport, or installation, always keep the IQ Battery in an upright position.
⚠	**WARNING**: You must install the IQ Battery only on a suitable wall using an Enphase wall-mount bracket.
⚠	**WARNING**: Before installing or using the IQ Battery, read all instructions and cautionary markings in this guide and on the equipment.

Safety Instructions, continued

⚠	**WARNING**: Do not install or use the IQ Battery if it has been damaged in any way.
⚠	**WARNING**: Do not exceed the maximum number (14) of IQ Batteries in a 20 A AC branch circuit.
⚠	**WARNING**: Do not sit on, step on, place objects on, or insert objects into the IQ Battery.
⚠	**WARNING**: The IQ Battery is not waterproof. Do not place beverages or liquid containers on top of the IQ Battery. Do not expose the IQ Battery to liquids or flooding.
⚠	**WARNING**: Damage to the battery can occur from over-discharge. While in storage, the IQ Battery will discharge. If the battery state of charge falls to 0%, the IQ Battery can be damaged or destroyed. Because of this, the IQ Battery must only be stored for a limited amount of time. • The IQ Battery must be installed and energized by the "Must Energize By" date on the shipping box label. • The IQ Battery must have a charge state of no more than 30% when placed in storage. To do this, the IQ Battery must be placed in **Sleep Mode**. • If the IQ Battery has already been installed, it must be placed into **Sleep Mode** prior to uninstalling. A battery in **Sleep Mode** can be stored a maximum of two months from the date it was placed into **Sleep Mode**. • When placing the IQ Battery in storage, ensure that AC power is not present and that the DC connector is unplugged.
⚠	**WARNING:** Risk of equipment failure. Size the AC conductor gauge to account for voltage rise for both the branch circuit and all upstream conductors leading back to the PCC (point of common coupling). Refer to the technical brief on voltage rise at enphase.com/support.
✓	**NOTE**: Perform installation and wiring in accordance with all applicable local electrical codes and standards.
✓	**NOTE**: Protection against lightning and resulting voltage surge must be in accordance with local standards.
✓	**NOTE**: Using unapproved attachments or accessories could result in damage or injury.
✓	**NOTE**: Use Class 1 wiring methods for field wiring connections to terminals of a Class 2 circuit. Use only 12 AWG to 20 AWG wire in the junction box terminal block. Select the wire size based on the protection provided by the circuit breakers / fuses. Install properly rated over current protection as part of the system installation.
✓	**NOTE**: To ensure optimal reliability and to meet warranty requirements, the IQ Battery must be installed and/or stored according to the instructions in this guide.
✓	**NOTE**: The IQ Battery is compatible only with the **IQ Envoy communications gateway properly fitted with production and consumption CTs.** This Envoy is required for operation of the IQ Battery. Earlier versions of the Enphase Envoy communications gateway, and the Envoy-S gateway are incompatible.
✓	**NOTE**: The Enphase IQ Battery is intended to operate with an Internet connection. Failure to maintain an Internet connection may have an impact on the warranty. See Limited Warranty for full terms and services (enphase.com/warranty).
✓	**NOTE**: When replacing an Enphase IQ Battery, you must replace it with an IQ Battery of the same type, with the same AC current rating.
✓	**NOTE**: When stored, the IQ Battery is not connected to the grid and no automatic charge of the battery is possible.
✓	**NOTE**: Never leave the battery on its back for more than five minutes. The battery cells are meant to be in the upright position.
✓	**NOTE**: Properly mount the IQ Battery or place it on a flat, plain surface that can bear heavy weights. Ensure that the mounting location is structurally suited to bearing the weight of the IQ Battery.
✓	**NOTE**: During use, storage, and transport, keep the IQ Battery: • Properly ventilated • Away from water, other liquids, heat, sparks, and direct sunlight • Away from excessive dust, corrosive and explosive gases, and oil smoke • Away from direct exposure to gas exhaust, such as from motor vehicles • Free of vibrations • Away from falling or moving objects, including motor vehicles. If mounted in the direct path of a motor vehicle, we recommend a 36-inch minimum (91 cm) mounting height • At an elevation of fewer than 6,000 feet (1829 m) above sea-level • In a location compliant with fire safety regulations (has a smoke detector) • In a location compliant with local building codes and standards
✓	**NOTE**: Conditions for the IQ Battery installation site apply also to storage conditions.



Environmental Protection

ELECTRONIC DEVICE: DO NOT THROW AWAY. Waste electrical products should not be disposed of with household waste. Proper disposal of batteries is required. Refer to your local codes for disposal requirements.

Enphase Customer Support: enphase.com/en-us/support/contact

SÉCURITÉ

INSTRUCTIONS IMPORTANTES RELATIVES À LA SÉCURITÉ CONSERVEZ SOIGNEUSEMENT CES INSTRUCTIONS. Ce guide contient des instructions importantes que vous devez suivre lors de l'installation et de la maintenance de la batterie IQ Enphase. Ne pas en tenir compte pourrait annuler la garantie (enphase.com/warranty).

En cas d'incendie ou autre situation d'urgence

Dans tous les cas :
- Si vous pouvez le faire sans danger, mettez le disjoncteur AC du circuit de la batterie IQ hors tension, et s'il y a un interrupteur sectionneur sur le circuit de la batterie IQ, mettez-le hors tension.
- Contactez les pompiers ou toute autre équipe d'intervention d'urgence requise.
- Évacuez la zone.

En cas d'incendie :
- Lorsque cela ne présente pas de risque, utilisez un extincteur. Les extincteurs adaptés sont les extincteurs à poudre chimique de type A, B et C. Vous pouvez également utiliser du dioxyde de carbone ou des mousses résistant aux alcools.

En cas d'inondation :
- Tenez-vous à l'écart de l'eau si une partie de la batterie IQ ou du câblage est submergée.
- Si possible, protégez le système en pompant l'eau après avoir identifié et bloqué la source d'écoulement.
- Si votre batterie est entrée en contact avec de l'eau, appelez votre installateur pour convenir d'un remplacement. Autrement, laissez la zone sécher complètement avant utilisation.

En cas d'odeurs, de fumées ou de bruits inhabituels :
- Veillez à ce que rien ne soit en contact avec la batterie IQ ni avec la zone de ventilation située sur la partie supérieure de la batterie IQ.
- Aérez la pièce.
- Contactez l'assistance clientèle Enphase à l'adresse enphase.com/en-us/support/contact.

Symboles de sécurité et d'alerte

⚠	**DANGER** : ce symbole indique une situation dangereuse qui, si elle n'est pas évitée, peut entraîner la mort ou des blessures graves.
⚠	**AVERTISSEMENT** : ce symbole indique une situation où le non-respect des consignes peut endommager l'appareil ou constituer un risque pour la sécurité. Soyez extrêmement prudent et suivez attentivement les instructions.
✓	**REMARQUE** : ce symbole indique une information particulièrement importante pour le fonctionnement optimal du système. Suivez attentivement les instructions.

Instructions relatives à la sécurité

⚠	**DANGER** : risque d'électrocution. Risque d'incendie. L'installation, le dépannage ou le remplacement de la batterie IQ doivent être réservés aux électriciens qualifiés.
⚠	**DANGER** : risque d'incendie ou d'explosion. Le transport et la manipulation de la batterie IQ doivent être réservés au personnel qualifié, utilisant des équipements de protection individuelle.
⚠	**DANGER** : risque d'explosion. Ne vous débarrassez pas des batteries IQ en les jetant au feu ou en les brûlant. Celles-ci peuvent exploser.
⚠	**DANGER :** risque d'incendie. Lors de son utilisation, de son stockage ou de son transport, conservez la batterie IQ dans une zone bien ventilée et protégée des intempéries, dont la température est comprise entre -20 °C et 50 °C, et l'humidité relative, entre 5 et 95 %. N'installez pas la batterie IQ à une altitude supérieure à 1 829 m au-dessus du niveau de la mer.
⚠	**DANGER :** risque d'incendie. Si de la fumée s'échappe de la batterie IQ, coupez l'alimentation du système Enphase afin d'arrêter la charge/décharge.
⚠	**DANGER :** risque d'électrocution. Risque d'incendie. N'essayez pas de réparer la batterie IQ ; elle ne contient pas de pièces remplaçables par l'utilisateur. L'altération ou l'ouverture de la batterie IQ annulera la garantie. La garantie est annulée si le boîtier de la batterie est retiré. Si la batterie IQ tombe en panne, contactez l'assistance clientèle Enphase pour obtenir de l'aide à la page enphase.com/en-us/support/contact.
⚠	**DANGER** : risque d'électrocution. N'utilisez jamais le matériel Enphase d'une manière non spécifiée par le fabricant. Cela peut entraîner la mort ou des blessures graves, ou endommager l'équipement.
⚠	**DANGER** : risque d'électrocution. N'installez pas la batterie IQ sans avoir auparavant débranché l'alimentation AC du système photovoltaïque. Débranchez l'alimentation provenant des modules photovoltaïques avant de procéder à un dépannage ou à une installation.
⚠	**DANGER** : risque d'électrocution. Débranchez toujours le circuit de dérivation AC en cas d'urgence et/ou avant une maintenance de la batterie IQ. Ne débranchez jamais les connecteurs DC sous tension.
⚠	**DANGER** : risque d'électrocution. Risque de courant élevé de court-circuit. Prenez les précautions suivantes lorsque vous manipulez des batteries : • Retirez votre montre, vos bagues ou tout autre objet métallique. • Utilisez des outils isolés. • Portez des gants et des bottes en caoutchouc. • Ne placez pas d'outils ni de pièces métalliques sur la partie supérieure des batteries.
⚠	**DANGER** : risque d'électrocution. Risque d'incendie. Ne travaillez pas seul. Lorsque vous travaillez sur ou à proximité d'un équipement électrique, quelqu'un doit se trouver à portée de voix ou suffisamment près de vous pour pouvoir vous venir en aide en cas de problème.
⚠	**DANGER** : risque d'incendie. Ne placez pas d'objets inflammables, d'objets explosifs ni d'objets générant des étincelles à proximité de la batterie IQ.
⚠	**DANGER** : risque d'électrocution. Dans les zones à risque d'inondation, installez la batterie IQ à une hauteur qui empêche l'entrée d'eau.
⚠	**AVERTISSEMENT** : risque d'endommagement de l'équipement. Lors de son utilisation, de son transport ou de son installation, conservez toujours la batterie IQ en position verticale.
⚠	**AVERTISSEMENT** : la batterie IQ doit être fixée uniquement sur un mur adapté, en utilisant une platine de fixation murale Enphase.
⚠	**AVERTISSEMENT** : avant d'installer ou d'utiliser la batterie IQ, lisez toutes les instructions et tous les avertissements présents dans ce guide ou sur l'équipement.

Instructions relatives à la sécurité (suite)

⚠	**AVERTISSEMENT** : n'installez pas et n'utilisez pas la batterie IQ si celle-ci a été endommagée de quelque manière que ce soit.
⚠	**AVERTISSEMENT** : n'installez pas plus de 14 batteries IQ par circuit de dérivation AC de 20 A.
⚠	**AVERTISSEMENT** : ne vous asseyez pas sur la batterie IQ, ne marchez pas dessus, et ne placez pas d'objets sur ni dans cette dernière.
⚠	**AVERTISSEMENT** : la batterie IQ n'est pas étanche. Ne posez pas de boissons ni de contenants de liquide sur la batterie IQ. N'exposez pas la batterie IQ aux liquides ni aux inondations.
⚠	**AVERTISSEMENT** : une décharge excessive peut endommager la batterie. Lorsqu'elle est entreposée, la batterie IQ se décharge. Si son niveau de charge tombe à 0 %, la batterie IQ peut être endommagée ou devenir inutilisable. Pour cette raison, la batterie IQ ne doit être entreposée que pour une durée limitée. • La batterie IQ doit être installée et alimentée avant la date « Must Energize By » (« À alimenter avant le ») indiquée sur l'étiquette d'expédition. • Le niveau de charge de la batterie doit être supérieur à 30 % lorsque celle-ci est entreposée. Pour ce faire, la batterie IQ doit être placée en **Mode veille**. • Si la batterie IQ a déjà été installée, elle doit être placée en **Mode veille** avant d'être désinstallée. Une batterie placée en **Mode veille** peut être entreposée pour une durée de deux mois maximum, à compter du moment où elle a été mise en **Mode veille**. • Lorsque vous entreposez la batterie IQ, assurez-vous que le courant AC est absent et que le connecteur DC est débranché.
⚠	**AVERTISSEMENT** : risque de défaillance de l'équipement. Dimensionnez la section AC des conducteurs en tenant compte de l'augmentation de tension à la fois sur le circuit de dérivation et pour tous les conducteurs en amont qui sont reliés au PCC (point de couplage commun). Reportez-vous à notre dossier technique sur les augmentations de tension à la page enphase.com/support.
✓	**REMARQUE** : réalisez toutes les installations et tous les câblages électriques en respectant l'ensemble des normes et des codes électriques locaux en vigueur.
✓	**REMARQUE** : la protection contre la foudre et la surtension qui en résulte doit être conforme aux normes locales.
✓	**REMARQUE** : l'utilisation de systèmes de fixation ou d'accessoires non autorisés peut entraîner des dégâts ou des blessures.
✓	**REMARQUE** : utilisez des méthodes de câblage de classe 1 pour les raccordements extérieurs à des terminaux d'un circuit de classe 2. Utilisez uniquement des conducteurs de diamètre 2,05 mm (12 AWG) à 0,812 mm (20 AWG) dans le bornier du boîtier de raccordement. Choisissez la section des conducteurs en fonction du calibre des disjoncteurs ou des fusibles. Utilisez une protection contre les surintensités correctement calibrée pour l'installation du système.
✓	**REMARQUE** : pour assurer une fiabilité optimale et répondre aux exigences de la garantie, la batterie IQ doit être installée et/ou entreposée conformément aux instructions fournies dans le présent manuel.
✓	**REMARQUE** : la batterie IQ est compatible uniquement avec la **passerelle de communication IQ Envoy, convenablement équipée de transformateurs de courant de production et de consommation.** Cet Envoy est requis pour que la batterie IQ fonctionne. Les versions antérieures des passerelles de communication Enphase Envoy et Envoy-S ne sont pas compatibles.
✓	**REMARQUE** : la batterie IQ Enphase est conçue pour fonctionner avec une connexion Internet. Si une connexion Internet ne peut être maintenue, cela peut avoir un impact sur la garantie. Consultez la garantie limitée pour prendre connaissance de l'ensemble de ses conditions et services (enphase.com/warranty).
✓	**REMARQUE** : lorsque vous remplacez une batterie IQ Enphase, vous devez utiliser une batterie IQ de même type et possédant le même courant nominal AC.
✓	**REMARQUE** : lors de son stockage, la batterie IQ n'étant pas connectée au réseau électrique, il n'y a pas de recharge automatique possible.
✓	**REMARQUE** : ne laissez jamais la batterie sur sa face arrière pendant plus de cinq minutes. Les cellules de la batterie sont conçues pour être placées en position verticale.
✓	**REMARQUE** : fixez correctement la batterie IQ, ou placez-la sur une surface plane et lisse, capable de supporter un poids important. Veillez à ce que la structure de l'emplacement de montage soit adaptée pour supporter le poids de la batterie IQ.
✓	**REMARQUE** : lors de son utilisation, de son stockage et de son transport, veillez à ce que la batterie IQ soit : • Correctement aérée • À distance de l'eau, d'autres liquides, de la chaleur, des étincelles et de la lumière directe du soleil • À distance d'une poussière excessive, de gaz corrosifs et explosifs et de fumée d'huile • À distance d'une exposition directe aux gaz d'échappement, comme ceux d'un véhicule à moteur • Exempte de vibrations • À distance d'objets pouvant tomber ou se déplacer, notamment les véhicules à moteur (si elle est montée directement à proximité d'un véhicule à moteur, nous recommandons de la placer à une hauteur minimale de 91 cm) • À une altitude de moins de 1 829 m au-dessus du niveau de la mer • Dans un emplacement conforme à la réglementation sur la sécurité-incendie (doté d'un détecteur de fumée) • Dans un endroit répondant aux exigences des normes et des codes de construction locaux
✓	**REMARQUE** : les conditions relatives au site d'installation pour la batterie IQ s'appliquent également aux conditions de stockage.

Protection environnementale

DISPOSITIF ÉLECTRONIQUE : NE PAS JETER. Les déchets de produits électriques ne doivent pas être jetés avec les déchets ménagers. Les batteries doivent être mises au rebut de manière adéquate. Reportez-vous aux règlements locaux en matière de traitement des déchets.

Assistance clientèle Enphase : enphase.com/en-us/support/contact