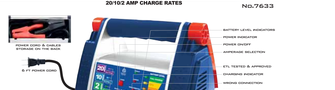
Quick Charge

BATTERY CHARGER & Maintainer

20/10/2 AMP CHARGE RATES — No.7633



IMPORTANT SAFETY INSTRUCTIONS

⚠ **WARNINGS**

- **FIRST AID—ACIDS:** If battery acid comes in contact with skin, rinse immediately with water, then washthoroughly with soap and water, if redness, irritation or blisters occur, seek immediate medical attention.
- **FIRST AID—ALKALINE:** If battery alkaline solution comes in contact with skin, flush eyes immediately, for a minimum of 15 minutes and seek immediate medical attention.

IMPORTANT: Failure to remove battery in case of accidents or mishaps.

- Prior to use, read and understand all warnings, cautions and instructions included in this instruction manual and those published by your vehicle manufacturer and battery manufacturer.
- Failure to follow all instructions listed in this instruction manual may result in property damage, fire, serious injury or death to yourself or others.
- Dry Location With Overhead Cover Use Only! Do not use Battery Charger in damp or wet locations. Do not use Battery Charger in the rain.
- Do not expose Battery Charger to precipitation or moisture. Do not immerse Battery Charger in water or any other liquid.
- Do not force Battery Charger. The Battery Charger is designed for optimum performance and safety at the selectable Amperage Charge Rates.
- Never carry the Battery Charger by the power cord. Keep power cord away from heat, oil, and sharp edges.
- Do not use Battery Charger if power cord or plug is damaged. Do not attempt to repair Battery Charger. Battery Charger is protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not use Battery Charger if Battery Charger is in flammable chemicals or any location, which accumulates flammable fumes.
- This product contains chemicals, including lead, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.
- Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. Wash hands after handling.
- Do not charge Battery Charger in a sealed container or in a container that produces hydrogen gas, which may violently explode in the presence of fire or sparks. Do not smoke, use matches, lighters or open flame near batteries.
- Working around lead acid batteries may be dangerous. Lead acid batteries generate explosive gases during normal charging operations. Keep sparks, flames and cigarettes away from batteries. Ventilate the area well when charging batteries.
- ALWAYS WEAR EYE PROTECTION and read the safety and charging instructions before using the battery charger. Failure to follow instructions can cause severe personal injury or property damage.
- Do not use Battery Charger if it has received a hard blow, been dropped or otherwise damaged in any way. Do not disassemble Battery Charger.
- To reduce risk of electric shock, disconnect the unit from any power source before attempting maintenance or cleaning. Powering OFF controls only reduces the output of the charger. Turn OFF controls and remove plug from outlet before attempting any maintenance or cleaning.
- Do not operate the Battery Charger on boats, boat ramps or docks since the electrical power cords and cables can cause electrical shock and severe electrical shock if they get wet.
- Do not use Battery Charger in corrosive and moving parts that can cause bodily injury during battery charger operations.
- Keep clamp battery post connections cables and power cables away from fan blades, belts, pulleys and moving parts during in-vehicle battery charger operations.

CAUTIONS

- Wear complete eye and clothing protection. Do not touch eyes while working around lead acid batteries.
- When connecting or disconnecting the Battery Charger, pull on the plug not on the power cord.
- Remove all rings, watches and other jewelry or objects on top of 12 Volt batteries. It might spark or short circuit batteries and cause burns.
- Remove personal metal items, such as rings, bracelets, necklaces and watches while working with lead acid batteries. It can produce a short-circuit capable of welding jewelry.
- Never charge a frozen battery.
- Never allow battery acid to come in contact with the unit.
- Do not use Battery Charger for anything other than its intended assistance is available in case of accident or emergency.
- Risk of Electric Shock: Do not open unit. This product has no user-serviceable parts. In the event of operational problems or damage, the Battery Charger must be returned to the factory for service. Improper assembly may cause electric shock and will void the manufacturer's warranty.
- Operate this product in a clean, dry, open and well-ventilated area.
- Do not operate the Battery Charger in direct sunlight.
- Place unit a minimum of 18 inches above ground level when operating in a garage or similar environment.
- Do not operate this unit with a damage power cord.
- Use of an accessory attachment that is not specifically recommended or sold by the manufacturer specifically for use with this unit. Unauthorized parts may damage the unit or result in electric shock and bodily injury.
- These instructions for future reference.

FEATURES

This unit has three charge rate settings, accessed by the Charge Rate Selector 2A/10A/20A button.

- Automatic Boost charge mode (Automatic Desulphation Pulse Technology) 10A/20A models, the boost mode restores batteries, as is or small cell and battery.
- Automatic Desulphation Pulse Technology, automobile batteries and light trucks
- Automatic float charge monitoring
- Charge rate LED
- Battery Charger switch mode operation for pure DC output
- High frequency IC controlled: Provide pure DC regulated output current, three stage charging and good performance for a maximum battery charge.
- Rapid charge/boost charge
- Short circuit protection
- Reverse polarity protection, clamps are connon-resistant
- Connect to side or topmount battery terminals
- Sturdy carry handle
- Insulated terminals and clamps
- Automatic battery maintainer to keep the batteries in the best condition.

CONTROLS AND INDICATORS

The Charge Rate Selector 2A/10A/20A button allows the user to select the charge rate based on battery size. This selection and monitoring of the charge rate is microprocessor controlled to protect the battery. The LED of the Charge Rate Selector, there are a series of LED indicators to show the charging condition:

Stand-by Green LED:	Illuminates when unit is connected to a 120 Volt AC electric outlet.
Charging Red LED:	Illuminates when unit is charging. Depending on the battery charge capacity, this LED will dim out.
Charging Complete Green LED:	Illuminates when charging is finished and enters Stage Three.
75% Battery Level Yellow LED:	Illuminates when battery charge level reaches approximately 75%.
50% Battery Level Orange:	Illuminates when battery charge level reaches approximately 50%.
25% Battery Level Red:	Illuminates when battery charge level reaches 25%.
Wrong Connection Red LED:	Illuminates when clamps are incorrectly connected to the battery terminals/posts.
Bad Battery LED:	Illuminates when there is a fault condition or bad battery.
2A Quadrant Green LED:	Illuminates when user selects the 2 Amp charge rate.
10A Quadrant Blue LED:	Illuminates when user selects the 10 Amp charge rate.
20A Quadrant Red LED:	Illuminates when user selects the 20 Amp charge rate.

BATTERY CHARGE FUNCTIONS

Fully Automatic Quick Charger 7633 has a high charge rate of up to 20 Amp, and low charge rate of 2 Amp. It is designed for charging only 12 Volt lead-acid batteries, including automobile, motorcycle, marine, lawn and garden, and light truck batteries. Flooded, Gel, Maintenance Free, Wet and Dry batteries, most popular tractors, motorcycles, personal watercraft, snowmobiles, ATV and various applications. The Automatic Quick Charger feature is a three stage charge, which is microprocessor controlled. The charge rate is selected by the user based on battery size and condition.

Stage One: Stage One voltage of about 14.4 Volt DC is automatically maintained and the charging current is adjusted for a safe, effective bulk charge. The charger will automatically move into Stage 2 charge mode, and the green LED "Charge" will illuminate.

Stage Two: Stage One voltage of about 13.8 Volt DC is automatically maintained and the charging current is adjusted for a safe, effective finishing charge. The charger will automatically move into Stage 3 charge mode, and the green LED "Charge Complete" will illuminate.

Stage Three: Stage One voltage of about 13.8 Volt DC is automatically maintained and the charging current is adjusted for a safe, effective Maintenance charge. The charger will automatically move into Stage 1 Automatic Boost Charge. It automatically repeats the battery fully charged.

OUTDOOR USE EXTENSION CORDS

Make sure the power cord is in good condition and that it is rated for outdoor use. Use only grounded extension cords intended for use outdoors and on marinas.

EXTENSION CORDS

Make sure the power of extension cord plug are the same number, size and shape as those on this unit and that the extension cord is in good condition and properly wired and grounded. Do not use an adapter to connect the power cord to the unit. Improper connection of the equipment-grounding conductor will cause a drop in line voltage resulting in loss of power and overheating. The following table shows the correct size to use depending on cord length and the amperage rating of the charger. Use a cord that is shorter than this one. If in doubt, use the next heavier gauge. The smaller the gauge number, the higher the amperage load rating of the extension cord.

MINIMUM GAUGE FOR CORD SETS

VOLT	TOTAL LENGTH OF CORD IN FEET			
	0-25	26-50	51-100	101-150
120 VOLT	18 AWG	16 AWG	14 AWG	12 AWG
	0-50	51-100	101-200	201-300
240 VOLT	18 AWG	16 AWG	14 AWG	12 AWG
	(0-15.2m)	(15.2-30.4m)	(30.4-60.8m)	(60.8-91.4m)

AMPERE RATING			AMERICAN WIRE GAUGE		
OVER	TO	NOT MORE THAN			
0	6	10	18	16	14
6	10	12	18	16	14
10	12	16	18	16	14
12	16	20	18	16	12

POWER CORD SAFETY

This unit has a polarized plug (one blade is wider than the other) for additional safety. This plug will fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

PREPARING TO CHARGE A BATTERY

1. Determine the voltage of the battery to be charged by referring to the vehicle owner's manual.
2. Clean battery terminals. Corrosion may be cleaned with a solution of baking soda and water. Rinse with clean water. Always remove the battery grounded terminal (usual connection) first. Make sure all accessories in the vehicle are OFF, so as not to cause an arc.
3. Clean battery terminals. Do not allow corrosion to come in contact with eyes.
4. Wear eye protection. Do not let battery acid come in contact with eyes, clothing and other battery manufacturer. This helps purge excessive gas from cells. Do not overfill. For a battery without cell caps (maintenance free), carefully follow manufacturer's charging instructions.
5. Study all battery manufacturer's specific precautions, such as removing or not removing caps while charging, and recommended rates of charge.
6. Determine voltage of battery and clean battery terminals. Follow battery charger manufacturer's instructions.
7. Inspect battery charger for damage before attempting to use it.

Remember that a battery charger is only as good as the connection made to the battery terminals/posts!

BATTERY CHARGER PLACEMENT LOCATION

- Place the Battery Charger on a clean, dry, stable and level surface.
- Locate the Battery Charger as far away from the battery as cables permit.
- Ventilation:
  - NEVER place the Battery Charger in a sealed or poorly ventilated compartment.
  - Do not place the Battery Charger in the same compartment with the battery being charged. Gases from the battery will corrode and damage the Battery Charger.
  - NEVER operate the Battery Charger in a closed-in area or with restricted ventilation in any way.
  - Do not place the Battery Charger in direct sunlight.
  - Do not place anything on top of Battery Charger.

POWER AND CLAMPS CONNECTION FOR INSTALLED BATTERY CHARGING

WARNING: Do not connect charger to battery while battery is being charged (gases from the battery will corrode and damage the Battery Charger. Do not place the Battery Charger in the same compartment with the battery being charged (battery cells).
NOTE: NEVER operate the Battery Charger in a closed-in area or with restrict ventilation in any way.
NOTE: Do not place the Battery Charger in direct sunlight.

1. Secure battery charger in place dry, stable and level surface.
2. Locate the Battery Charger as far away from the battery as cables permit.
3. Ventilation:
   - NEVER place the Battery Charger in a sealed or poorly ventilated compartment.
   - Do not place the Battery Charger in the same compartment with the battery being charged (gases from the battery will corrode and damage the Battery Charger).
   - NEVER operate the Battery Charger in a closed-in area or with restrict ventilation in any way.
   - Do not place the Battery Charger in direct sunlight.
   - Do not place anything on top of Battery Charger.

POWER AND CLAMPS CONNECTION FOR UNINSTALLED BATTERY CHARGING

WARNING: Do not connect charger to battery while battery is being charged (gases from the battery will corrode and damage the Battery Charger. Do not place the Battery Charger in the same compartment with the battery being charged (battery cells).
NOTE: NEVER operate the Battery Charger in a closed-in area or with restrict ventilation in any way.
NOTE: Do not place the Battery Charger in direct sunlight.

1. Secure battery charger in place dry, stable and level surface.
2. Locate the Battery Charger as far away from the battery as cables permit.
3. Ventilation:
   - NEVER place the Battery Charger in a sealed or poorly ventilated compartment.
   - Do not place the Battery Charger in the same compartment with the battery being charged (gases from the battery will corrode and damage the Battery Charger).
   - NEVER operate the Battery Charger in a closed-in area or with restrict ventilation in any way.
   - Do not place the Battery Charger in direct sunlight.
   - Do not place anything on top of Battery Charger.

POWERING OFF AND DISCONNECTING THE BATTERY CHARGER

1. When disconnecting the Battery Charger, disconnect the AC power cord, remove charge from vehicle chassis or remove Negative (NEGAL) Battery Clamp from battery post, remove Positive (POS. P) Battery Clamp from battery post.
2. Slow the AC power cable and clamp connection. Do not allow the Battery Charger to touch the Battery Charger cover or other charger.

APPROXIMATE CHARGING TIME TABLES

The Automatic Quick Charger battery charger will automatically adjust the charge rate as the battery becomes charged and stop when the battery is fully charged. **The charge times are approximate and are based on a fully discharged battery. For estimates of the time it takes to charge a battery, refer to the following table.**

Percent of Charge Is Exhausted	10 Amp	20 Amp
25 % Charge Exhausted	1.5 HRS	0.75 HRS
50 % Charge Exhausted	3.0 HRS	1.5 HRS
75 % Charge Exhausted	4.5 HRS	2.25 HRS
100 % Charge Exhausted	6.0 HRS	3.0 HRS

The times shown in the table are approximate and refer to a 50 AH automotive battery. For example, a 50 AH 12 Volt battery is discharged 50%. How long will it take to charge the battery? Look at the 50% Charge Exhausted line and the 10 Amp column. The charge time is approximately 3 hours. Depending on the age and condition of the battery, smaller batteries should be charged at lower rate (2 Amp) and an extra hour added to charge time.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Bad Battery	• Red LED stay light when the battery voltage is less than 2 Volts. Battery is in a deep discharge such as open or shorted cell or sulfated condition.	• Have the battery tested by a qualified technician.
Battery not accepting a Charge	• Wrong Charge Rate Selection • Faulty Connections to the battery Terminals • Wrong Charge Rate Selection • Battery voltage too low • Charging a Very Cold Battery	• Make sure that the charger is plugged into a fine 110 Volt AC outlet and Standby LED is illuminating. • Check for a good connection at the battery terminals/posts; ensure that there is a good connection at the battery terminal/post and/or vehicle chassis. • Make sure that correct charge rate was selected for the battery being charged. • Ensure enough charging time was allowed to charge battery. Some batteries can take 24 hours to charge if they are very low. • Before heating 0° C (32° F), it will not accept a high rate of charge. Wait for the ambient temperature to rise or the battery to warm up. **Never attempt to charge a frozen battery.**

CARE AND MAINTENANCE

With proper care and minimal maintenance, the Battery charger 7633 will provide years of dependable service. For maximum performance, the following care and maintenance should be performed on a regular basis. Keep the Battery Charger clean. Wipe the unit with a damp cloth as needed. Do not use solvents or chemicals. Clean the outside case of the charger with a soft cloth and if necessary, mild soap solution. Allow liquid to enter the charger. Do not lubricate the unit. Do not operate when charger is wet. Keep the charger cords loosely coiled during storage to prevent damage to the cord insulation.

SPECIFICATIONS

1. Unit weight	4.2lbs
2. Dimensions	7.5 x 5.25 x 2.25; (190 x 135 x 60.5 cm (D)
3. Input Voltage	120 Volt AC, 60 Hz
4. Output	12 Volt DC, 2/10/20 AMP

5 YEAR LIMITED WARRANTY

Fully Automatic is dedicated to producing high quality products. We stand behind our products in the confidence of the quality of our merchandise that we sell. Fully Automatic warrants to the original purchaser that the product will be free from defects in material and workmanship for a period of 5 years. Please mail all defective products to Fully Manufacturing Inc., 7600 Grapevine Center Drive, Suite 400, Miami, FL 33126. Attn: Customer Service.

REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT OR COMPONENT PROVIDED UNDER THIS WARRANTY SHALL NOT APPLY IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLECT, IMPROPER SERVICE OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL OR OTHERWISE IN ACCORDANCE WITH THE ACCOMPANYING WRITTEN WARRANTY. THE FOREGOING WARRANTY IS EXCLUSIVE TO THE PARTIES HERETO, AND THERE IS NO WARRANTY BY OR ON BEHALF OF EITHER PARTY TO THE OTHER OR TO ANY THIRD PARTY WITH RESPECT TO THE PRODUCT. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A GENERAL PURPOSE OR PARTICULAR PURPOSE.

This warranty gives you specific legal rights, and you may also have other rights which vary from State to State in the U.S.A. or province to province in Canada.

CUSTOMER SERVICE
Hours of Operation: 5:30 pm Eastern Standard Time
Questions or comments contact us at: www.rally.org or call 1-800-961-4407

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Quick Charge

CARGADOR DE BATERÍA Y CONSERVADOR DE ENERGÍA

NIVELES DE CARGA 20 / 10 / 2 AMP — No.7633

CARACTERISTICAS

Este cargador tiene tres niveles de carga, accesibles con el Selector de Carga 2A/10A/20A.

- **2 Amperes:** Estándar, más pequeños, con celdas o baterías de pequeño tamaño, motos de nieve, motocicletas, etc.
- **10 Amperes:** Para baterías de automóviles, camiones, botes, motocicletas, etc.
- **20 Amperes:** Para baterías de automóviles, camiones, botes, motocicletas, etc.

- Control de carga de 4 etapas
- LED Cálculo del estado de la carga
- Cargador de batería con conmutador de modo para salida de Corriente Continua pura
- Alta frecuencia IC controlado: Proporciona corriente de salida regulada de Corriente Continua pura, carga de tres etapas y buen desempeño para una carga de batería máxima y más seguro.
- Carga rápida/carga de refuerzo
- Protección contra cortocircuitos
- Cables de alta resistencia y pinzas resistentes a la corrosión
- Conectores laterales o de montaje superior para terminales de la batería
- Manija resistente para transporte
- Terminales y pinzas aislados
- Automático para mantener la carga de las baterías y mantener en mejor condición.

CONTROLES Y INDICADORES

El Selector de Carga de Carga 2A/10A/20A permite al usuario seleccionar la carga con base en el amperaje de la batería. Esta selección y el control de la carga de batería está controlado por microprocesador para proteger la batería. El LED del Selector de Carga, hay una serie de LED indicadores para mostrar la condición de carga:

Stand-by Green LED:	Ilumina cuando unit is connected to a 120 Volt AC electric outlet.
Charging Red LED:	Ilumina cuando unit is charging. Dependiendo de la batería carga capacity, this LED will dim out.
Charging Complete Green LED:	Ilumina cuando charging is finished and enters Stage Three.
75% Battery Level Yellow:	Ilumina cuando battery charge level reaches approximately 75%.
50% Battery Level Orange:	Ilumina cuando battery charge level reaches approximately 50%.
25% Battery Level Red:	Ilumina cuando battery charge level reaches 25%.
Wrong Connection Red LED:	Ilumina cuando clamps are incorrectly connected to the battery terminals/posts.
Bad Battery LED:	Ilumina cuando there is a fault condition or bad battery.
2A Quadrant Green LED:	Ilumina cuando user selects the 2 Amp charge rate.
10A Quadrant Blue LED:	Ilumina cuando user selects the 10 Amp charge rate.
20A Quadrant Red LED:	Ilumina cuando user selects the 20 Amp charge rate.

FUNCIONES DEL CARGADOR DE BATERÍA

Cargador totally automatic de 7-Stage Quick Charger 7633 tiene una tasa de carga de hasta 20 Amp, y tasa de carga baja de 2 Amp. It is designed para cargar only 12 Volt baterías de ácido de plomo de 12 Volts, de automóviles convencionales, lleno de mantenimiento, baterías marinas de ciclo profundo y de jardín y baterías de motocicletas, ATV, motos de nieve, motos de agua y otras aplicaciones. Baterías Flooded, Gel, Maintenance Free, Wet y Dry, most popular tractors, motocicletas, motos de nieve, motos de agua, ATV y otras aplicaciones. Cargador Automático de Batería 7633 es un cargador de batería de tres etapas, que es controlado por microprocesador. Circuito integrado swiyed de carga rápida, segura y completa de la batería de servicio.

Etapa Uno: Etapa Uno voltaje de aproximadamente 14.4 Voltios CC se mantiene automáticamente y la corriente de carga se ajusta para un carga de batería efectiva y segura. El cargador se mueve automáticamente a la etapa 2 del proceso de carga. El LED verde "Carga" se iluminará.

Etapa Dos: Etapa Uno voltaje de aproximadamente 13.8 Voltios CC se mantiene automáticamente y la corriente de carga se ajusta para un carga de batería efectiva y segura. El cargador se mueve automáticamente a la etapa 3 del proceso de carga. El LED verde "Carga Completa" se iluminará.

Etapa Tres: Etapa Uno voltaje de aproximadamente 13.8 Voltios CC se mantiene automáticamente y la corriente de carga se ajusta para un carga de batería efectiva y segura. El cargador se mueve automáticamente a la etapa 1 Automático Boost Carga. Automáticamente repite la batería cargada por completo.

CABLE DE PODER

Una extensión eléctrica de cable de poder debe estar en buen estado y de una calidad que lo haga apto para uso en exteriores y que esté marcado como tal.

TIEMPOS APROXIMADOS DE CARGA

El cargador de baterías de carga rápida automática se ajustará automáticamente el nivel de carga conforme la batería comienza a cargarse y se detiene cuando la batería está completamente cargada. **Los tiempos de carga son aproximados y están basados en un depósito de carga. Para estimativos de tiempo de carga de una batería cargada, consulte la siguiente tabla.**

Porcentaje de Carga Agotada	10 Amp	20 Amp
25 % Carga Agotada	1.5 HRS	0.75 HRS
50 % Carga Agotada	3.0 HRS	1.5 HRS
75 % Carga Agotada	4.5 HRS	2.25 HRS
100 % Carga Agotada	6.0 HRS	3.0 HRS

Los tiempos mostrados en la tabla son aproximados y se refieren a una batería de automóvil de 50 Amperes que tiene. Por ejemplo, una batería de 50 Amperes que tiene 12 Voltios está descargada 50%. ¿Cuál es el tiempo de carga? Mira la línea de 50% Carga Agotada y la columna de 10 Amp. El tiempo de carga es de 3 horas. Dependiendo de la edad y la condición de la batería, las baterías más pequeñas deben cargarse a una tasa más baja (2 Amp) y se debe agregar una hora adicional al tiempo de carga.

PREPARACIÓN PARA CARGAR LA BATERÍA

1. Determine el voltaje de la batería que se va a cargar consultando el manual del propietario del vehículo.
2. Limpie los terminales de la batería. La corrosión puede limpiarse con una solución de bicarbonato de sodio y agua. Enjuague con agua limpia. Siempre quite el terminal de la batería conectado a tierra (conexión habitual) primero. Asegúrese de que todos los accesorios del vehículo estén en OFF, para evitar un arco.
3. Limpie los terminales de la batería. No permita que la corrosión entre en contacto con los ojos.
4. Use protección para los ojos. Evite que el ácido de la batería entre en contacto con los ojos, la ropa y otras baterías. Esto ayuda a purgar el exceso de gas de las celdas. No llene en exceso. Para una batería sin tapas en las celdas (mantenimiento), con cuidado siga las instrucciones de carga del fabricante.
5. Estudie todas las precauciones específicas del fabricante, tales como quitar o no quitar las tapas durante la carga y los niveles recomendados de carga.
6. Retire completamente la batería del vehículo, siempre si cualquier área ordinaria entre de realizar la carga.
7. Inspeccione el cargador de batería en busca de daños antes de intentar usarlo.

Recuerde que la batería de carga es tan buena como la conexión realizada con los terminales de la batería.

UBICACIÓN DEL CARGADOR DE BATERÍA

1. Coloque el Cargador de batería sobre una superficie limpia, seca, estable y nivelada.
2. Ubique el Cargador de batería lo más lejos de la batería que los cables permitan.
3. Ventilación:
   - **IMPORTANTE:** Nunca coloque el Cargador de batería directamente en la batería que está cargando (los gases de la batería corroerán y dañarán el Cargador de batería).
   - Nunca coloque el cargador de batería en un lugar cerrado o con ventilación deficiente.
   - Nunca coloque el cargador de batería en un lugar cerrado o con ventilación inadecuada de alguna manera.
   - Coloque el Cargador de batería en un lugar seco y bien ventilado.
   - Coloque el Cargador de batería a un mínimo de 18 pulgadas por encima del suelo.
   - Coloque el Cargador de batería en un lugar seco y bien ventilado.
   - Coloque el Cargador de batería a un mínimo de 18 pulgadas por encima del suelo.
   - Coloque el Cargador de batería a un mínimo de 18 pulgadas por encima del suelo.
   - No coloque el Cargador de batería en un lugar cerrado o con ventilación inadecuada de alguna manera