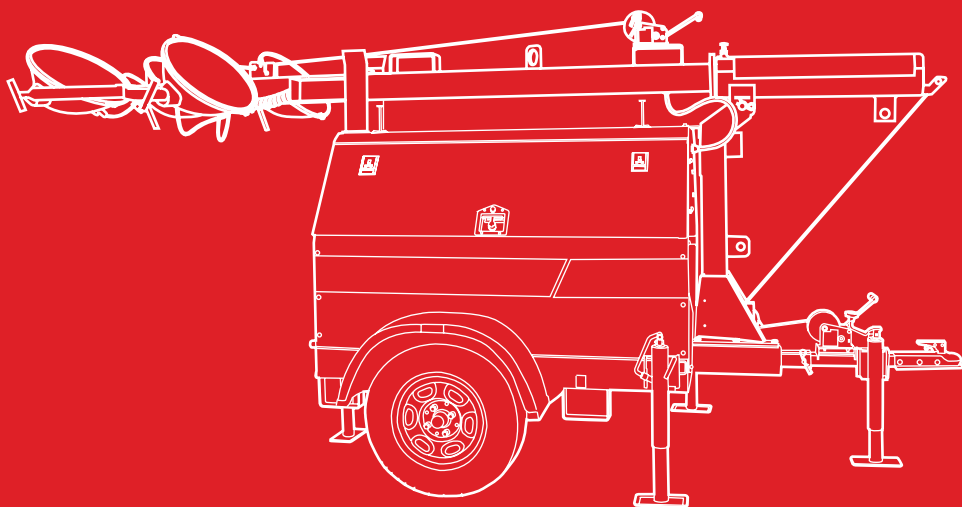




OPERATING AND MAINTENANCE MANUAL

LIGHTING TOWER



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1. INTRODUCTION

Through this manual, we intend to provide information and basic instructions for a correct installation and use of your lighting tower. It is essential that you carefully read all the safety rules and warnings before, during and after the commissioning of your lighting tower, only so we can assure an optimal service, regular and in perfect conditions of reliability and security.

Aipower, S.L. considers honest to note that the validity of the information described in this manual, are referred to the date of issue of the same, since aspects such as technological advances and updates of the current regulation, force us to make modifications without prior notice.

This manual and other documents of reference, are part of the lighting tower that you have acquired and should be preserved and protected against any agent that can damage them during the life cycle of the tower. This documentation must accompany the equipment when it is transferred to another user or to a new owner.

You must always keep the manual close for reference in case of doubt. Although the information given in this manual has been verified to the detail, Aipower refuses any responsibility arising from any handwriting errors, typographical, or transcription.

In accordance with European Directives concerning the Protection of Consumers and Users, Aipower is excluded from any liability resulting from the defective installation and/or the improper use of the machine or from failure to comply with the rules contained in this manual.

2. SAFETY REGULATIONS

Before using this equipment read carefully the indicated safety regulations and find out about the local safety requirements.

The installation, operation, maintenance and repairs shall be carried out only by authorized and competent staff.

The owner is responsible for the maintenance of the lighting tower in conditions of security. Parts and accessories must be replaced if they are not in operating conditions.

As a premise to the content of this manual, you will find a detailed description of the basic criteria that you for your own and that of third parties security, must pay a close attention.

2.1 GENERAL SAFETY PRECAUTIONS.

- It is necessary before any use, to know how to stop the equipment quickly in case of emergency, and fully understand the operation and all the controls of your lighting tower.
- Carry out all the relevant checks of the gens-set and the tower, before putting them into operation, in order to avoid possible accidents, both personal and to the equipment itself.
- Never allow other people to use the lighting tower, without having given previously the instructions necessary for its proper and safe use.
- Do not allow its use to minors without the supervision of and adult who is familiar with the use of the lighting tower.
- Avoid the access of children or pets to the operation area of the lighting tower, to prevent, to the extent possible, that they may be injured with any component of the equipment.
- Stop and disconnect the gen-set immediately, as soon as there is any abnormal situation during operation. Identify and correct the problem before starting it again.
- Make sure the correct location of the lighting tower on a surface completely level and stable to ensure a proper operation and get a perfect stability against the untimely action of the wind.

- Lower the mast if strong winds or thunderstorms are expected in the area.
- The tower extends up to 9mts. Make sure area above it is open and clear of overhead wires and obstructions.
- If for any reason any part of the mast hangs up or the winch cable develops slack while raising or lowering the tower, STOP immediately and contact with the Technical Department at Aipower.
- Make sure that chains, hooks, ramps, jacks and any other type of lifting devices are attached securely and have enough counterweight to lift and hold the equipment safely. Remain aware of the position of other people around you when lifting the mast.
- NEVER remove the safety lock or pull the locking pin while the mast is up.
- NEVER adjust the mast when the unit is in operation.
- NEVER turn on the lights without the protection glass cover placed or with a cracked or damaged glass.

IMPORTANT

Always put the support skids for achieving a secure and perfect stability of the lighting tower with the help of the spirit level.

2.2 SAFETY AGAINST THE DANGER OF ELECTROCUTION

- Never handle the lighting tower and its gen-set with wet hands or feet. If the tower is stored outside, check that the engine and alternator are dry, otherwise dry them.
- Never touch bare wires or disconnections. Keep electrical wires and connections in good condition.
- Always use the suitable plugs for the outlet bases provided on the gen-set. Never use zinc or cables without a plug or with stripped ends. The use of these cables directly in the outlet socket could create a high risk of electrocution.
- As soon as you notice any cable in poor condition, replace them and make sure their perfect state before switching on the lighting tower again.

2.3 SAFETY AGAINST THE DANGER OF FIRE

- Always refuel the tank of the gen-set, in a ventilated area with the engine completely switched off.
- Do not fill the fuel tank of the gen-set when it is running or with the engine hot.
- Fill the fuel tank to a maximum 90% of its total capacity and make sure that the cap of the tank is perfectly closed.
- Check that no fuel has been spilt on the gen-set. If this happens, you must clean it and let it dry well, before starting the equipment. The leftover fuel could ignite.
- Diesel is flammable and its vapors explosive. It is forbidden to smoke, use a naked flame or produce sparks while refueling or using the equipment.
- Do not place flammable objects or materials close to the engine while running and refuel.
- Do not place anything on the air inlet /outlet area and on the exhaust outlet as this could cause the overheating of the engine and may create a fire hazard.
- Do not place anything on the spotlight immediately after use, because they come to reach very high temperatures.

2.4 SAFETY AGAINST BURNS

- Never touch the engine or the gen-set exhaust while is running or some minutes after its stop, it can cause severe burns. Before handling and maintenance service, let the engine cools down.
- Never touch the halogen lamps during 20-25 minutes after its use, can cause severe burns.

2.5 SAFETY IN THE TOWING

Towing a lighting tower requires care. Both trailer and vehicle must be in good conditions, and securely fastened to reduce the possibility of accidents. Some countries, requires the trailer be registered and licensed. Contact the Traffic Agency of your country to check the necessary licenses for your particular unit.

- Check that the hitch and coupling on the towing vehicle are rated equal to, or greater than the trailer's "gross vehicle weight rating" (GVWR)
- Check the state of the tire on trailer, inflation and tread wear.
- Check the hitch and coupling for wear or damage. DO NOT tow the lighting tower using defective parts. Make sure that the hitch and coupling are compatible. Make sure that the coupling is securely fastened to the vehicle.
- Check that directional and brake light on the trailer are well connected and working properly.
- The maximum recommended speed for road towing is 80km/h. Recommended off-road towing speed is not to exceed 15km/h depending on terrain.
- Always maintain an extra safety space between vehicles and avoid verges, curbs and sudden lane changes. If you have not pulling a trailer before, practice turns, stops and the reverse in a traffic-free area.
- A film of grease on the coupling will extend its life. Wipe the coupler and apply fresh grease each time the trailer is towed
- ALWAYS lower the mast before removing the hand brake.
- Before moving the tower, make sure ALWAYS that the mast is fully folded and with the safety lock.
- NEVER move the tower with the mast unfolded.
- Make sure that the spotlights are folded and locked in the transport position.
- Make sure that the stabilizers are fully gathered and fastened.

IMPORTANT

NEVER move the lighting tower with the mast unfolded.

2.6 SAFETY STICKERS AND INFORMATION

There are some safety stickers and information all over the gen-set. Following you can find a brief explanation of their location and information on each of them.

Picture	Location	Information
	Located on the connections from the alternator to the engine. Whenever there are timing belts or transmission shafts.	They warn of the danger in case an alien object collides with the timing belts or with the components in motion that they connect.
	Located on the parts of the genset that heat up during operation.	They indicate those areas which must not be touched while the set is in operation or shortly after having stopped.
	Placed on the coolant tank cap.	They warn of the precautionary measures to be taken when opening this cap. The liquid is hot and may spout and cause scald.
	Located on the bonnet and next to the lifting eye.	It indicates the point by which the set must be lifted in order to move it.
	Located next to the fuel cap. Depending on the model, it can be either on the bedplate or next to the engine.	It indicates the location of the fuel tank. Tank filling cap.
	Located on both sides of the bedplate skids.	It indicates the advisable area to move the set by means of a fork-lift truck.
	Located next to the oil fill dipstick and oil fill cap.	Indicates the location of the oil fill dipstick.
	Next to the derivations of the grounding protections.	They are the parts by means of which the genset is protected against possible electric shocks.
	Next to the protective thermal-magnetic switches of the genset.	They protect the genset against possible overcurrent that may occur during charge.
	On the emergency stop.	It indicates the location of the emergency stop button which allows the simultaneous stop of the genset.
Picture	Location	Information
	Located on the control panel.	They warn of electric shock hazard.
	Always located on the thermal-magnetic switch.	They indicate the prohibition of manipulating the genset when the switch is on.

3. GENERIC DESCRIPTION

3.1 COMPONENTS OF THE LIGHTING TOWER

Aipower lighting towers have been made with top quality materials, and with the effort of our technical and production team, without sparing resources to achieve high-performance and versatile operation lighting towers. They are composed of a tower kit and a gen-set, all in a compact and well-balanced trailer.

1. The elevation tower kit is composed of:

- Manual lift mast and 3 expansions, to reach a total working height of 9 meters with a 360° manual rotation of the light beam.
- Support for 4 floodlights (IP65) with 1,000w metal halide lamps and 90,000 lumens each. Lamps prepared to work in ambient temperatures of -20 to 45°C.

2. To highlight in between the other components of the lighting tower:

- Soundproofed gen-set driven by the reliable diesel engine for one model SDEC3Z1.1-G42 water-cooled and with very low fuel consumption.
- Sealed control panel for protection and manoeuvre. The control panel incorporates the M7 controller, hours counter, horn, fuel level gauge, voltmeter, ammeter and circuit breakers for the protection of the spotlights and auxiliary sockets.
- 2 auxiliary power outlets. The tower has two auxiliary sockets of 16 amps, for the supply of power to auxiliary equipment.
- Double safety lock in mast. Ensures the blockage of the mast and prevents involuntary turns during the transport. It is necessary to unlock it for the rotation and orientation of the floodlight.
- Emergency stop.
- Wide access for maintenance and control.
- 4 levelling jacks, two of them extensible to ensure the perfect stability of the tower in any working surface. It cancels the risk of overturn in adverse environmental conditions.
- Spirit level, located in the upper part of the set, to ensure a perfect levelling of the tower.
- Exhaust outlet.

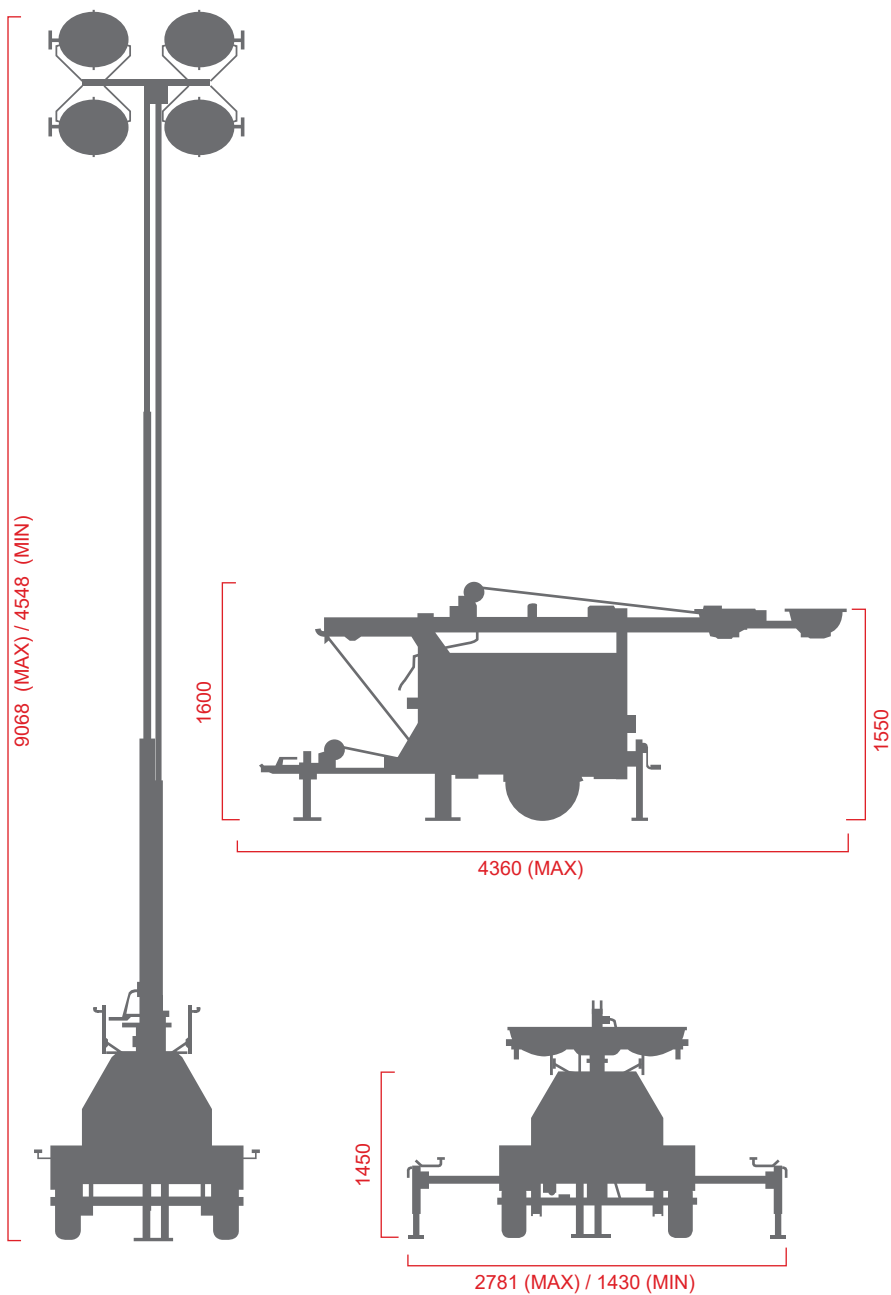
3. Mobile equipment:

- Transport kit, the tower is ready for road travel, includes drawbar with hitch ball type and reflectors (optional rear light).
- Includes forklift pockets to move it with a forklift.
- Fixing rings for the transport that ensure a perfect immobilization avoiding possible damage during the transport.

3.2 TECHNICAL DATA

Model	ATL9500SD
General	
Rated Voltage	127V
Power Package Rated Power	9.5KW
Rated Frequency/ Speed	60Hz /1800 rpm
Noise	72dB(A) @7M
Start mode	Key start
Battery	1 x 12V/60AH
Fuel Level Gauge	Electronic
Fuel Tank	85L
Working Hours	>60hr (Lamp only)
Mast-Maximum Height	9M with fall protection system / 3 Sections
Mast Lifting & Extension	Manual / Electronic
Trailer Load Bearing	1000KG
Trailer Type	On Road
AUX. Power Output	32A/1P Socket
Rotation Angle Range Of Light	340 Degree
Rotation Angle Range Of Light	90°
Adjustment method Of Light	Manual
Wind resistance grade	60km/h
Recommended Use Environment	Level ground
Suspension&Braking	Leaf spring suspension (single axle) & Mechanical Drum Brake, Manal
Supporting leg	Manual adjustable & 5 pc
Rim size	14" Tires / Ordinary tires
Traction head	2"
Tail light	Warning Reflector
Max traction speed	60km/h
Forklift Mouth	Yes
Length	4360
Width	1430
Height	1450
Weigh	960kg

Lamp	
Lamp Type	LED
Rated Power (LED Lamp)	4 x 500W
Protection Class	IP67
Luminous Efficiency	150lm/W
Light Type	Flood light
Color Temperature	5000 K
Lamp Service Life	50000hrs
Control System	
Controller Model	HGM4020CAN
Socket Type	1-63A Industrial Socket
Plug Type	1-63A Industrial Plug
Emergency Button	Yes
Engine	
Engine Model	3Z1.1-G42
Manufacturer	SDEC
Emission	China off road stage IV
Number of Cylinders	3
Cycle	4
Aspiration	Naturally
Prime Power / Speed (Gross)	12KW/1800RPM
Lube-oil Capability	4.5L
Fuel Consumption	250g/kWh
Starter motor/ Alternator	3.8KW/12V
Alternator	
Motor model	SENCI/SC164C
T.H.D	≤5%
Rated power	10kw
Rated voltage	127V
Rated Frequency	60Hz
Phase number	Single
Insulation level	H
Protection level	IP23
Manufacturer	SENCI



3.3 PACKING PLAN

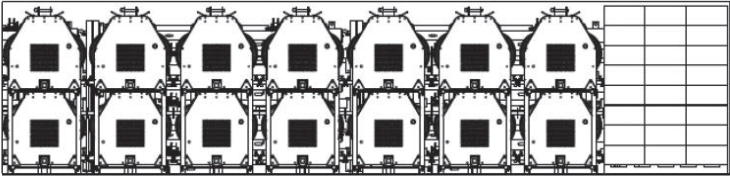


Fig.1
40 feet Container: 14 unit

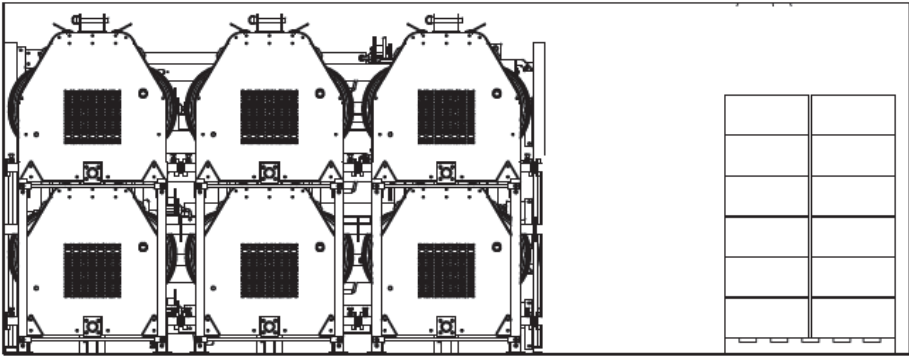
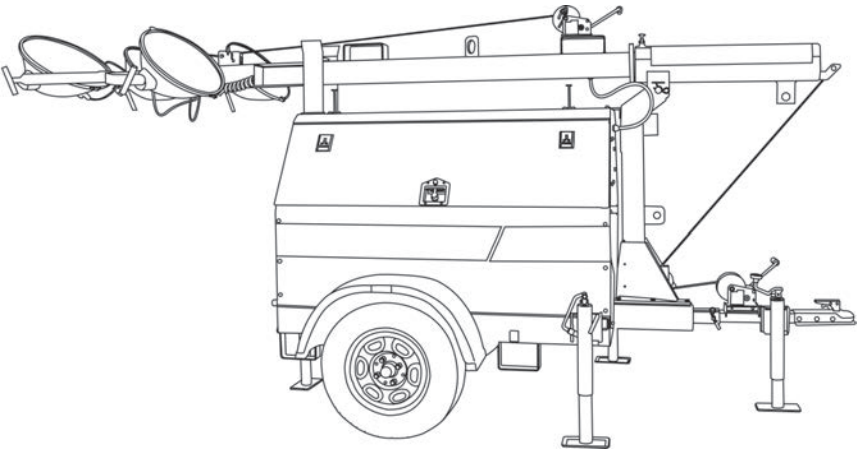


Fig.2
20 feet Container: 6 unit



4. COMISSIONING

Before starting the lighting tower check its correct location on a firm and totally leveled ground, to ensure a proper operation and stability in case of a strong wind.

NOTE

Do not raise the mast if high winds and/or thunder storms are expected in the area.

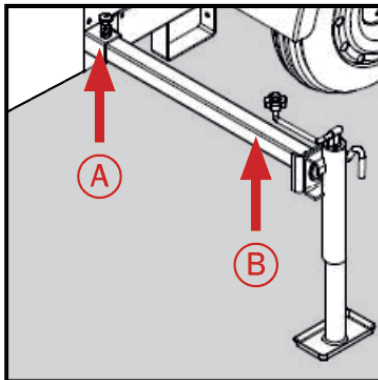
4.1 CHECK LEVELS OF THE EQUIPMENT

Check engine oil, fuel and coolant levels as well as air filter condition (ref. engine manual).

4.2 ANCHORAGE

Once carried out these important and simple checks to ensure the proper operation of the tower and the gen-set, we will proceed to the correct anchorage of the ATL9500SD lighting tower. You must follow the following steps accurately:

- Turn the handle clockwise to raise the trailer hitch on the tow vehicle.
- Press the locking pin (A) on the outriggers (B) and pull them out until the spring pin snaps back into place. Pull the locking pin on the outrigger jacks and rotate them 90° so the jack pads are facing down and the spring pin snaps back into place.



- Pull the locking pin on the rear jack (C) and rotate it 90° until the spring pin snaps back into place. Turn the jack handle clockwise to start leveling the trailer. Adjust all four jacks by turning their handles clockwise until they are firmly in contact with the ground and the trailer is as level as possible (D).

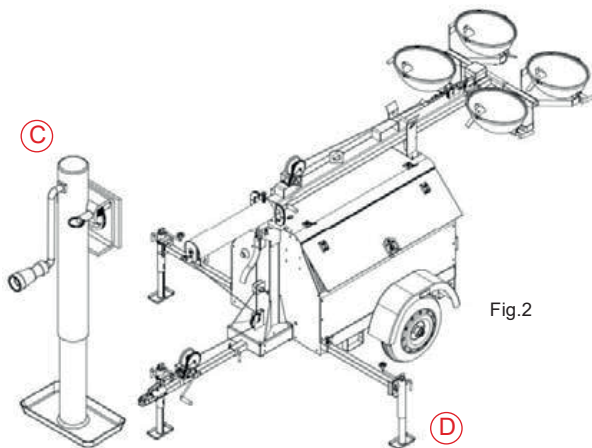


Fig.2

4.3 ADJUSTMENT OF THE SPOTLIGHTS

Before raising the tower it may be necessary to adjust the lamps.

The lamps may be adjusted up, down, left or right, by loosening the wing nuts (E) on the fastening flange of the spotlight (F) and aiming the lamps in the desired direction. Tighten them again and make sure the lamps are connected to the junction box.

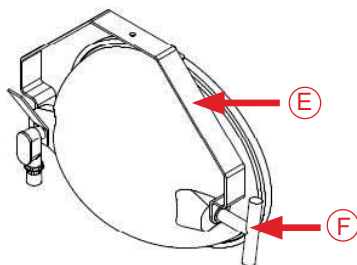


Fig.3

4.4 RAISING THE TOWER

The trailer must be leveled with the outriggers extended before raising the tower mast and must remain extended while the tower is up. Failure to level the trailer or extend the outriggers will severely reduce the stability of the unit and could allow the tower to tip and fall.

Do not start the unit if the insulation on the electrical cord is cut or worn through. Bare wires in contact with the mast or frame may energize the trailer and cause electrocution. Repair or replace cord immediately.

- Remove the mast cradle locking pin from the mast cradle (A)

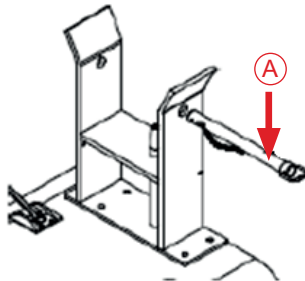


Fig.4

Fig.4

- Check both sets of mast cables for excessive wear or damage. Make sure the cables are properly centered in each pulley (B). Check the electrical cord for damage.
- Make sure the area behind the unit is clear before raising the mast to the vertical position.

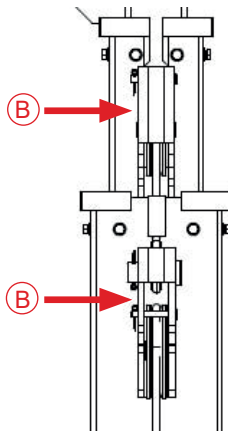


Fig.5

- Remove the safety pin (C) from the mast lock bar.

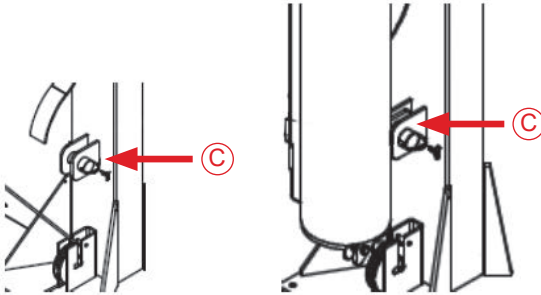


Fig.6

- Using the handle for the lower mast winch (D) raise the mast until the tab on the mast is positioned into the mast lock. The mast lock bar should snap into place automatically.
- Secure the lock with the safety pin (C)

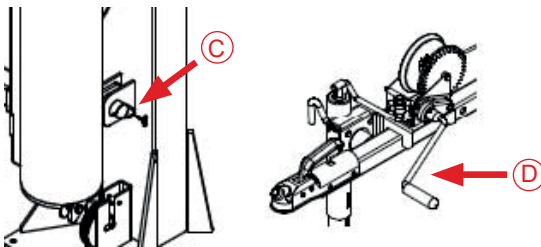


Fig.7

- After the mast is up and locked into place, use the upper mast winch (E) to telescope the tower to the desired height. Extend slowly the mast, making sure that the electrical cord is extending at the top sections of the mast. If for any reason, the winch cable begins to develop slack or any of the tower sections get stuck, STOP IMMEDIATELY and contact an authorized service center.

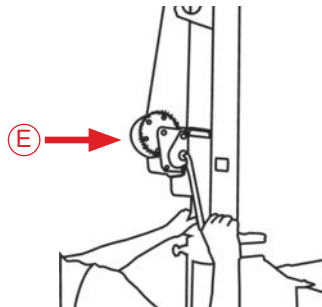


Fig.8

- The mast can be rotated by pulling the locking knob (F) at the bottom of the mast. Turn the mast until the lights face in the desired direction and then tighten the knob.

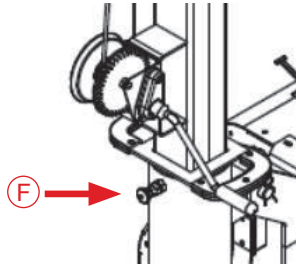


Fig.9

4.5 GENSET STARTING

VERY IMPORTANT

Never start the gen-set with load, that is, check that all the circuit breakers are switched off.

Before starting the engine:

- Check the fuel level.
- Check the oil level.
- Check the coolant level.
- Make sure that the main circuit breaker is OFF.



Fig.10

M7

Once the above has been verified you can now start the gen-set.

(A) Manual start

(B) Free voltage contact start



HGM4020CAN

Fig.11
M7

4.6 SWITCHING ON THE SPOTLIGHTS

Finally, to switch on the spotlights, turn on the switches to the ON position.



Fig.12
M7

VERY IMPORTANT

The spotlights must be always switched off when raising/lowing or aiming.

5. OPERATIONS TO BE PERFORMED ONCE COMPLETED THE ACTIVITY

5.1 SWITCHING OFF THE SPOTLIGHTS

Switch off the spotlights switches and stop the gen-set.



Fig.1
M7

5.2 LOWERING THE MAST

- Shut down the lights and engine

We advise you to wait between 20-25 minutes before lowering the tower, due to the high temperatures that the filaments of the spotlights reach, makes them very vulnerable to the slight vibrations that inevitably occur when the mast is being lowered.

5.2.1. LOWERING THE TELESCOPIC MAST

- Rotate the mast to the front position.
- Lower the mast with the help of the handle installed in the upper mast (A)

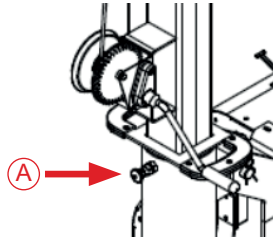


Fig.2

5.2.2. LOWER THE MAST TO THE TRANSPORT POSITION

- Release the safety pin on the mast lock bar (B)

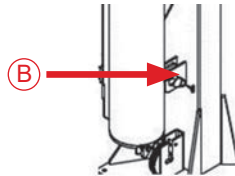


Fig.3

- Lower the mast with the help of the lower handle (C)

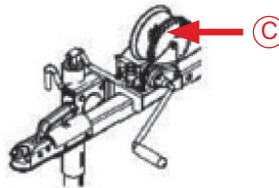


Fig.4

- Stop when the mast is resting in the cradle (D)

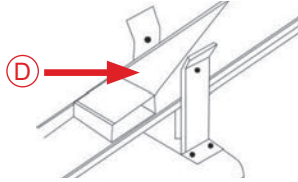


Fig.5

- Insert the cradle lock pin and secure it with the clamp (E)

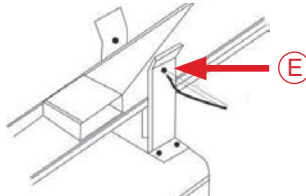


Fig.6

- Raise the outrigger jacks completely (Point 5.3)

5.3 RISEN OF THE OUTRIGGER JACKS

Then raise, retract and stow the jacks in travel position, with the locking pins to the upper face. Fig. 7 & 8.

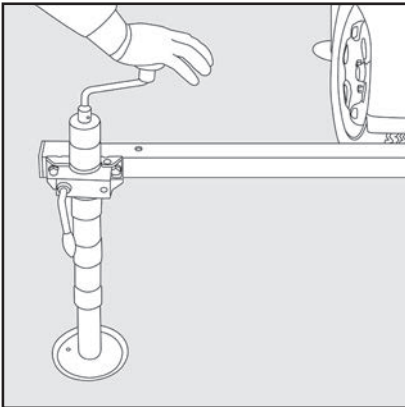


Fig.7

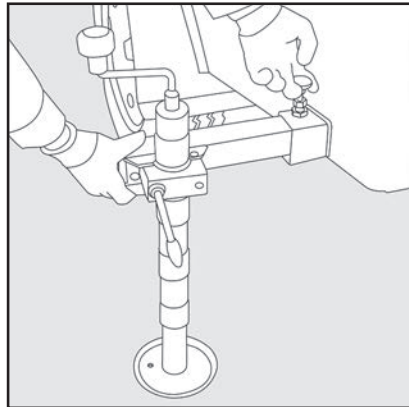


Fig.8

6. MAINTENANCE

6.1 GENSET MAINTENANCE

General maintenance. (Ref. to the gen-set manual)

6.2 LIGHTING TOWER

It can be said that the tower itself does not require an exhaustive maintenance, since the simplicity of the system and the quality of the materials used in its manufacturing process guarantee it.

However we may performance the following operations:

1. Regular cleaning of the machine is recommended in order to prevent any deposits of dirt that could compromise its efficiency. The frequency of this operation depends on its place of use.
2. To lubricate the pulleys use the grease recommended for low temperature and very high speed applications. It is recommended to use SKF LGLT 2 grease, a top quality lithium soap product with a 100 % synthetic base oil. If using another lubricant, this must still be characterised by a base oil viscosity of 18 mm²/s at 40°C and 4.5 mm²/s at 100°C.
3. To grease the telescopic columns, use a WD40 type lubricant spray, to be applied to the metal parts to facilitate the sliding of the various sections during the column raising and lowering operations. In case of frequent use, carry out this operation every three months.
4. In case of a halogen bulb blown, the use of gloves or a cloth is recommended for its replacement.
5. Do not touch the bulbs directly with your fingers.
6. If the lighting tower is working in a damp, dusty place, it must be cleaned and dried frequently.
7. To change or check the battery, access through the right side of the lighting tower.
8. Steel cables and pulley sets:
 - Carry out periodic checks of the cables state, every 100 hours or once a month.
 - When the steel cable decreases by 10% of the nominal diameter due to corrosion or abrasion, it must be replaced immediately.

- Check the wire, in case of having any broken, replace the steel cable as soon as possible.
- If there is any kind of deformation: loop, knot or crushing, replace the cable immediately.
- Important: Always use the Steel cables indicated by the manufacturer of the lighting tower
- Lubricate galvanized cables with oil when operating in high corrosion conditions every 300 hours or 3 months.

9. Replacing the light bulbs and glasses.

The metal halide bulbs used in the column lights provide more powerful lighting than ordinary halogen bulbs, for a lower consumption, with a very high service life of approximately 8,000 hours.

Metal halide bulbs are discharge bulbs that operate using the emission of electromagnetic rays by an ionized gas plasma. The gas is ionized using an electric discharge (hence the name) through the gas itself.

Metal halide lamps are derived from high pressure sodium vapour lamps, with additives (thallium, indium, dysprosium, holmium, cesium, thulium) which improve the colour rendering of sodium lamps, giving them a very high colour temperature (4,000-5,600 K). Their chromatic performance makes them particularly useful when perfectly white light is required. They require special igniters and injectors to light, which produce pulses of starting voltage of between 0.75 and 5 kV, whereas maximum light output, in the lighting phase, requires several minutes.

To replace the light bulb or glass, follow the procedure below:

- Unfix clamp's screw(M5) with a Cross shaped screwdriver, put big clamp and glass on a safe place.
- Replace the bulb or glass.
- Put glass in clamp, put clamp and glass on bulb body, check clamp fits body well, fix screw.

Lamp specifications:

- Name: single LED
- Lamp Wattage (W): 4×500W
- Operating Voltage (V): 127V
- Operating Current (Amps): 3.94A

7. TROUBLE SHOOTING

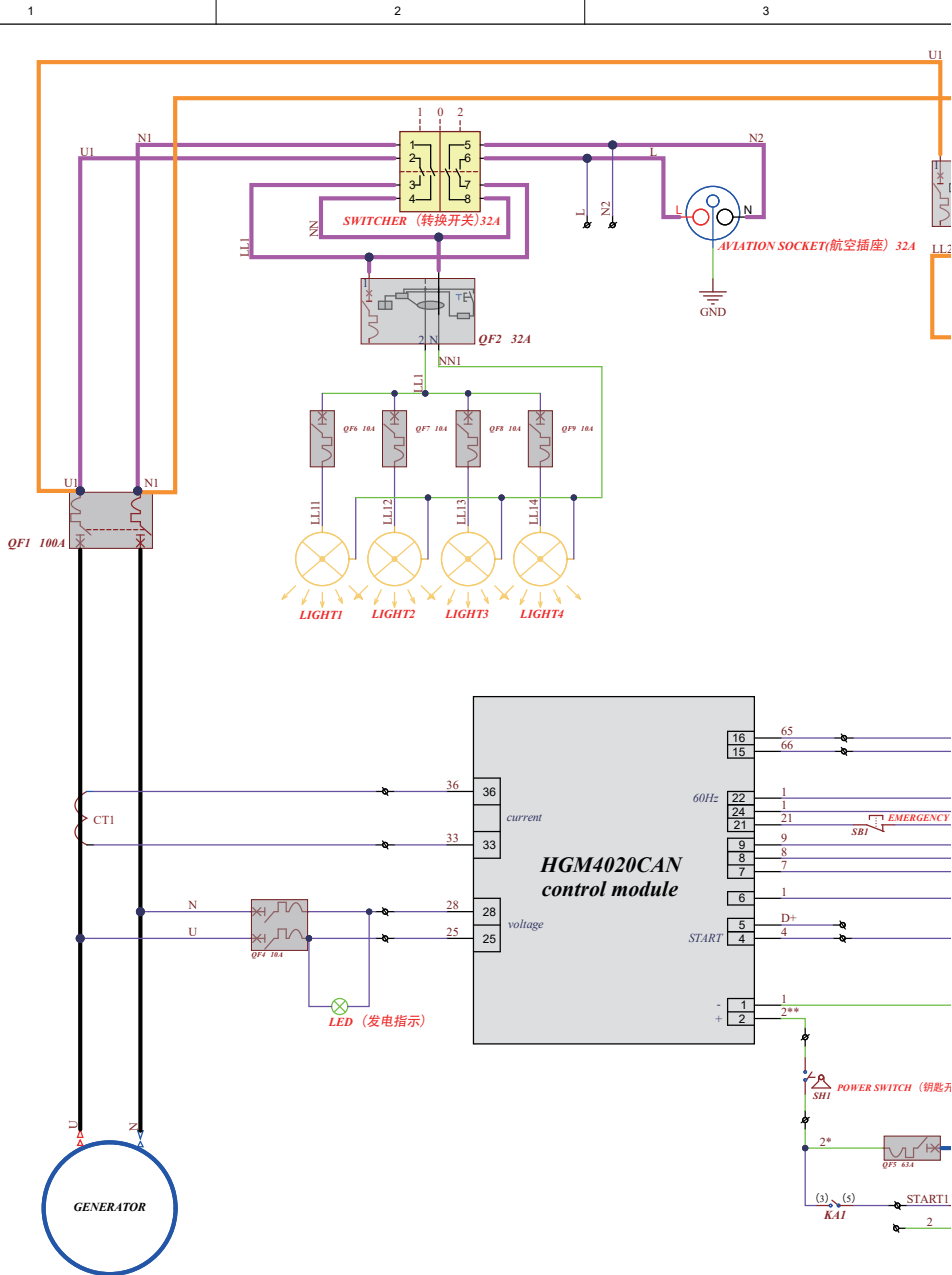
Due to the simplicity of the system, breakdowns are practically none. However, in the event of any failure, please contact with our after-sales service.

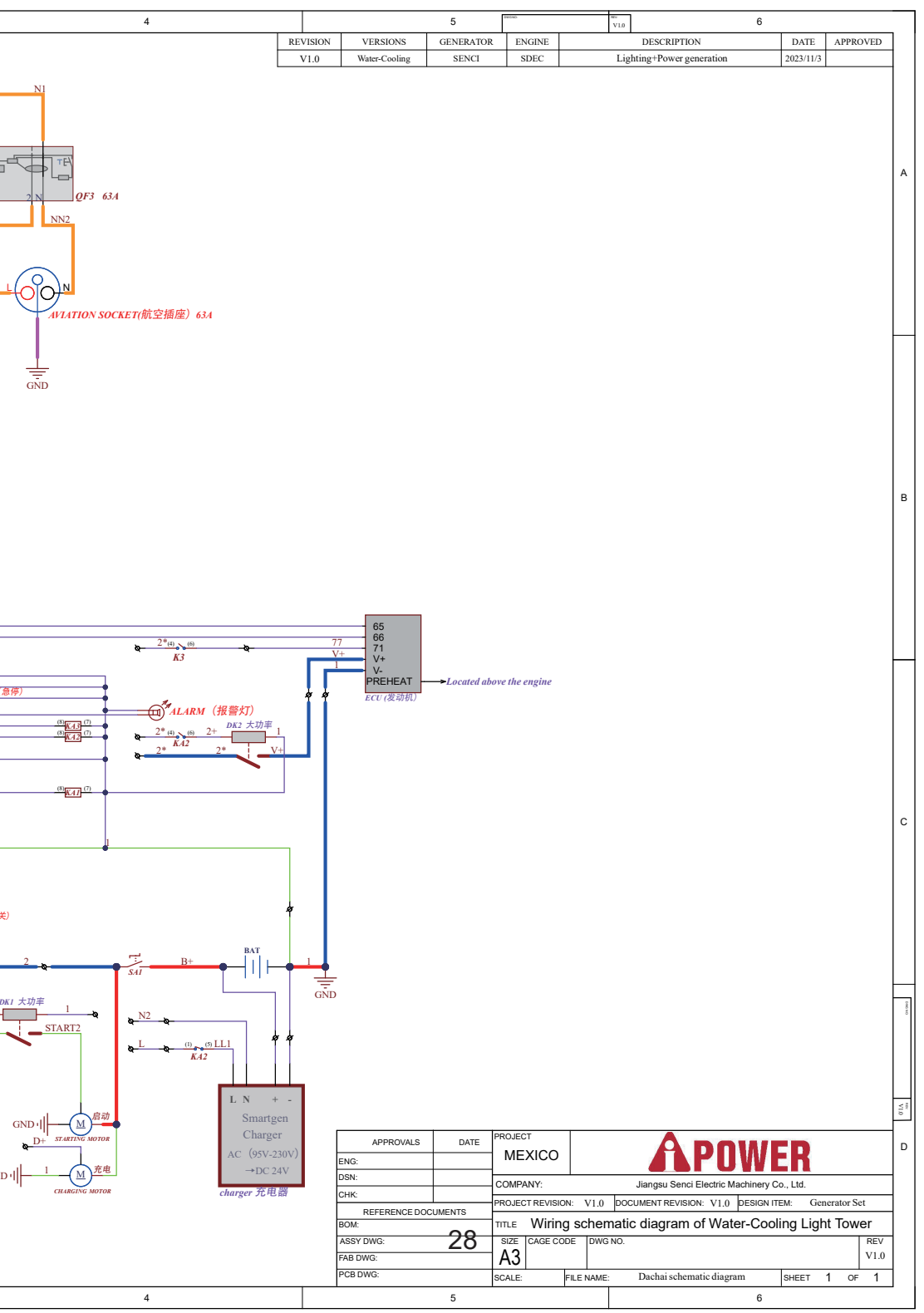
8. WIRING DIAGRAM

8.1 M7 127V



- ① Controller
- ② Buzzer alarm
- ③ Power lamp
- ④ Emergency switch
- ⑤ Power switch
- ⑥ Change over
- ⑦ QF1 Controller power switch
- ⑧ QF2 Current transformer switch
- ⑨ QF3 127V Lamp power main switch
- ⑩ QF4 No.1 Lamp power switch
- ⑪ QF5 No.2 Lamp power switch
- ⑫ QF6 No.3 Lamp power switch
- ⑬ QF7 No.4 Lamp power switch
- ⑭ QF8 63A 127V Output switch





9. GUARANTEE CONDITIONS

PROFESSIONAL USE (commercial) (whichever is first)

4.000 working hours.

24 months from the date of the sale.

30 months after leaving the factory.

RESIDENTIAL USE (private) (whichever is first)

1.000 working hours.

24 months from the date of the sale.

30 months after leaving the factory.

The coverage of this warranty is ONLY applicable to the end user of the equipment recognized by Aipower. In the case of Generating sets, it is only applicable to those generating sets that operate together with an manual or automated control panel manufactured or/and installed by Aipower.

9.1 COMPANY RESPONSABILITIES

- In those countries where Aipower may have an authorized technical assistance Network (information available at the warranty consists of the replacement or reparation of the damaged parts once checked its due to defective material at origin, manufacturing or/and assembly, therefore , it covers both the replaced parts as well as the manpower used during the normal working hours. The customer shall be charged with transport expenses to the premises of the authorized distributor, where the repairs shall be carried out.
- The warranty for the rest of the world consists of free supply on premises of the non usable parts due to defective material at origin, manufacturing or/and assembly. If the equipment is sent to our premises, all necessary repair tasks will be carried out free of charge.
- In this case, transport both sending and return will be chargeable to the customer.
- The warranty will only be given after the technical study of the defective parts. Any part sent or service carried out before the acceptance of the warranty will be billed. All replaced parts have to be returned to Himoina and will become of its property.
- In case of defects in the motor or alternator, Aipower informs that the assistance of the warranty will be provided by official technical services of the manufacturer of the alternator or motor, who will determine the scope of the warranty.
- The defect shall appear during the normal use of the product and within the warranty period. The company will supply the necessary spare parts for the repair as soon as possible but shall not be deemed responsible for any losses for not having the equipment during this period.
- All claims made based on this warranty, must be processed through your authorized seller or area distributor, who will process the claim and the scope of the warranty.
- This warranty does not cover failures or defects consequence of its normal use or wear, inappropriate use (including overload and overvoltage), negligence, accidental damages, non authorized modifications; lack of or inappropriate maintenance or connection, (inappropriate storage, transportation or installing); any kind of use of the equipment over the capacity and limits established by the manufacturer or under conditions different from those recommended; failures caused after the failure or defect had or should have been detected; batteries, lamps and fuses damages; damages due of

use of parts not supplied or manufactured by the manufacturer. The Warranty also does not cover the rental costs of substitution equipments during repair period nor connection costs and/or connection works of the product with other equipments of the customer.

- The repaired or replaced parts have a (6) six month warranty, this will not modify the warranty of the other elements.
- Equipment or components not manufactured by the company. The company will provide a warranty equal to the one supplier, and limited to the responsibility offered by the company for its equipment.
- All claims to do with the fuel injection system or parts of it, will be referred by Aipower to the manufacturer of the injection system, or to its authorized agent. The manufacturer or authorized agent's report ON THE FAILURE will be binding for both parties : Aipower and purchaser.

9.2 USER RESPONSABILITIES

The user is responsible to:

- Install and operate the product in accordance with the operation and instruction manual provided, and in its case with the assistance of qualified technical personnel and in accordance with the current regulations.
- Carry out a proper maintenance of the equipment; (including the use of appropriate fuel, oil, antifreeze, and lubricant), as well as to replace of the parts and components due to the normal use of the equipment.
- Return the warranty register form properly filled in within 10 days after the start up of the product, or a month after the date of the sale, whichever is first.
- Send written notification to the company or to authorized Technical assistance service in his country, of the failures of the material and justify them within seven days after the failure appeared and in any case before the expiration of the warranty, otherwise the purchaser may lose his warranty rights.
- If the repair of the defect requires the participation of other equipments not manufactured by Aipower, the purchaser will be the only responsible for the works and costs resulted as well as to provide full access to the products manufactured by Aipower S.L.

- Accept the technical report about the existence or non existence of defects in the material or the assembly.
- The manpower costs , except for those stated in the section “COMPANY RESPONSIBILITIES”, including those ones derived from the assembly and disassembly of the equipment .
- The costs and risks from transportation or shipping of the equipment, and any other costs associated with the replacement of the components.
- Any cost that may exceed the purchasing price of the product.
- Any other cost, including transport and trips, accommodation, taxes and fees, communication expenses, extra hours among others; except for those stated in section #Company responsibilities#
- Payment of the total price of the machine, spare parts and related services related with the product under warranty.
- The attendance of sales or technical personnel to the #start-up# or #functioning demonstration# of the equipment will not mean that the present warranty may be extended to the installation or mounting, operation expressly excluded from this warranty; it also does not imply acceptance or understanding of the correct technical installation, assembly or/and connexion of the machine carried out by the purchaser or a third party unconnected with Himoina, neither of the dimensioning of the equipment purchased regarding the real power supply need of the purchaser.

The present warranty will not be applicable to the following cases:

- When the documentation (warranty, purchasing invoice, maintenance and use manual) may have been altered in any way or may be illegible.
- If the model and serial number of the generating set have been altered, erased, removed or are illegible.

Aipower shall not be deemed contractually or extra contractually responsible for any material or immaterial, direct nor indirect damages; consecutive or non-consecutive to the damage on the material covered by the warranty, such as operating losses, expenses and costs due to not having the product, neither for damages to third parties or to other equipment or products.

This Warranty does not limit any other rights that as a consumer, the purchaser may have according to the current legislation. This warranty replaces any other express or implied warranty, including, without limitation any merchantability warranty of the equipment or its suitability for a particular purpose. All claims not covered by the above stipulations will not be accepted by the company.

Aipower Informs the user of the obligation to follow the Maintenance and use Manual and to keep it together with the rest of the technical documentation of the equipment in observance with the safety at work regulation as well as the convenience of installing specific protections that may prevent overvoltage and overload from the main electrical line, and to protect the equipment by seeking advice of an authorized installer.





AIPOWER, S. DE R.L. DE C.V.

**Av. Mariano Escobedo 543, Interior 407, Colonia Rincón del
Bosque, Miguel Hidalgo, Ciudad de México, CP. 11580, México.**

Teléfono: (52)-55-52-551-476

support@a-ipower.com

www.a-ipower.com