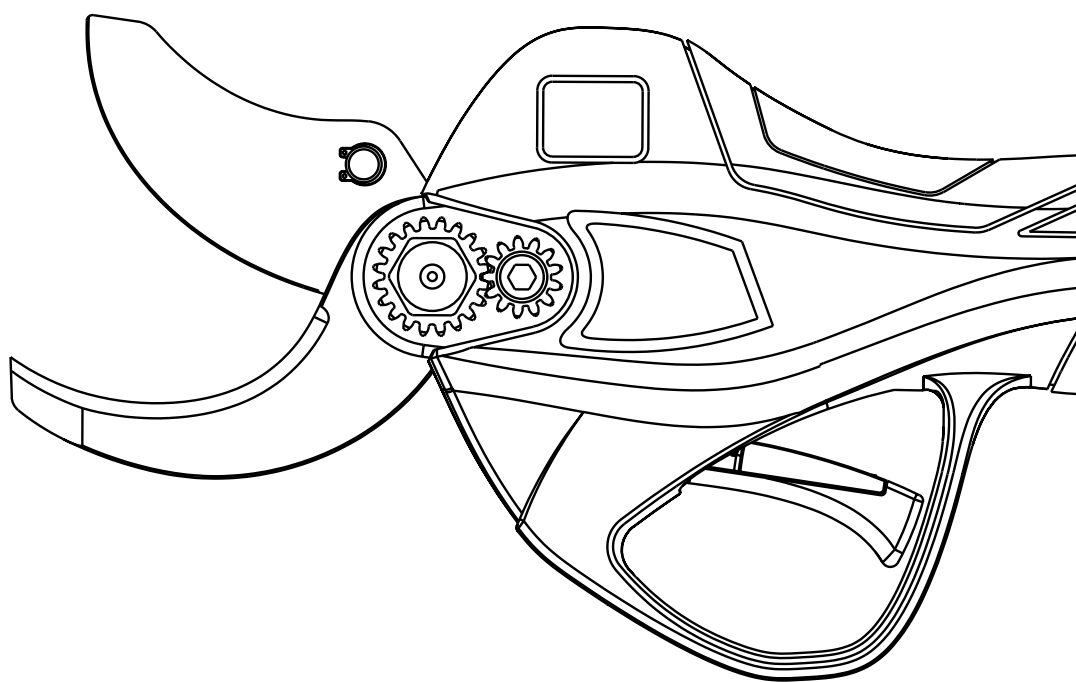




**BLUEBIRD
INDUSTRIES**

***Forbice da potatura
Pruning shears***

PS 22-40



Manuale d'uso del prodotto

-traduzione delle istruzioni originali-

Product using manual

-original instructions-

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Thank you for choosing our product. We develop and manufacture high-quality products according to the needs of our customers. Our products prove to have excellent reliability, even in extreme conditions. The company is also synonymous with excellent quality of the service. Our professional dealers provide services and support to solve the problems doubts regarding our products. Thank you for your trust in our company. You We wish you a happy user experience.



Please read all safety warnings and instructions carefully. Failure to follow these warnings and instructions may result in electric shock, fire or other serious injury.

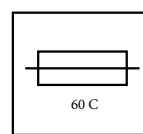
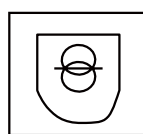
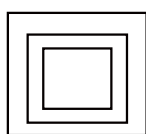
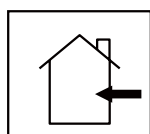
Please keep all warnings and instructions for future reference.



Please strictly abide by the laws and regulations of relevant countries on waste disposal.
Electrical and electronic supplies cannot be disposed of in the way of household refuse.



The device, accessories and packaging should be recyclable.
It is forbidden to discard scrapped machinery device.



Please read all safety warnings and instructions carefully.
Failure to follow these warnings and instructions may result in electric shock, fire, severe burns and other accidents.



Do neither use nor expose the electric pruning shears in the rain.

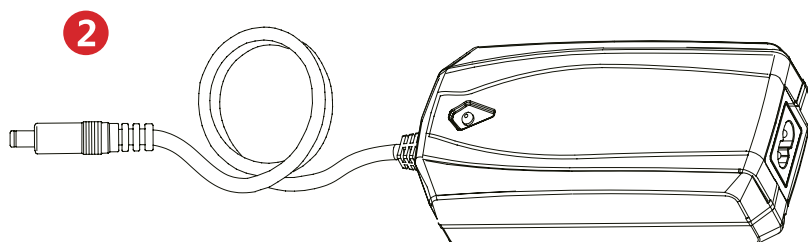
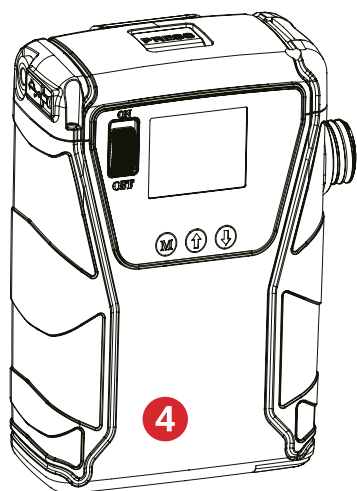
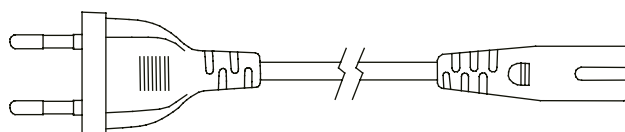
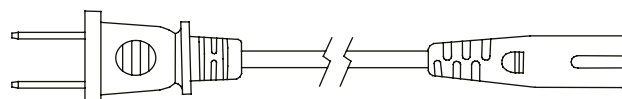
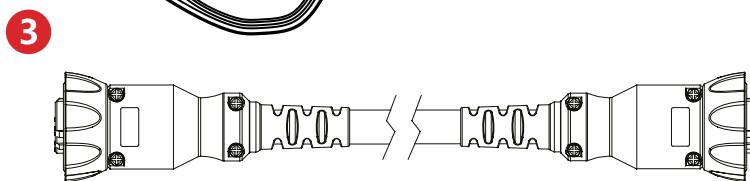
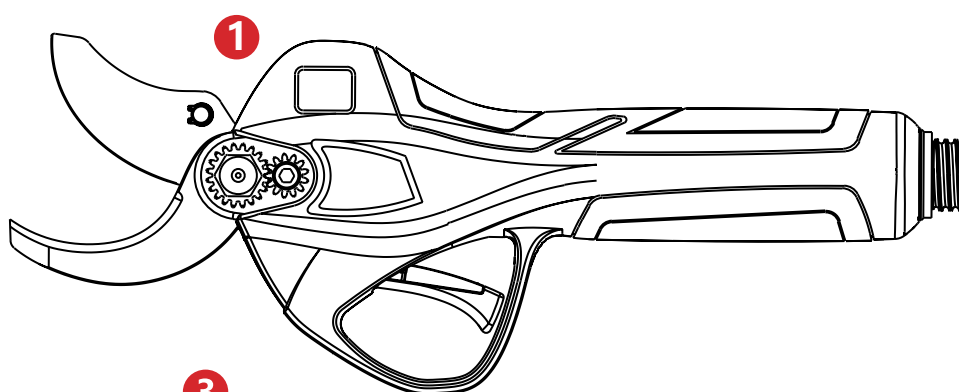


While operating the electric pruning shears, do not keep your hands near the pruning area to avoid injury.

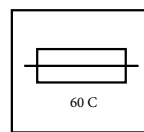
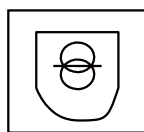
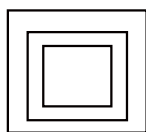
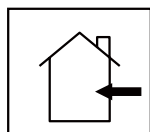


While operating the electric pruning shears, do not keep your hands near the pruning area to avoid injury. This product is battery-driven electric pruning shears, which consists of a fixed blade, a moving blade, a lithium battery, a charger, and so on. It is mainly used for the pruning of fruit branches grafted under 32mm and for the pruning and harvesting of orchards in large quantities, etc. It is simple and convenient to use, 8-10 times more efficient traditional manual pruning and renders apparently pruning quality than traditional manual shears.

1. Electric scissors
2. Charger
3. Battery
4. Accessories



● Product Overview



● Note

1. Please read through the manual carefully.
2. Battery can only be charged indoors.
3. Double insulation, grounding not required.
4. Fail-safe transformer charger.
5. Battery charging will automatically cut off when overheating occurs.

● Product Description

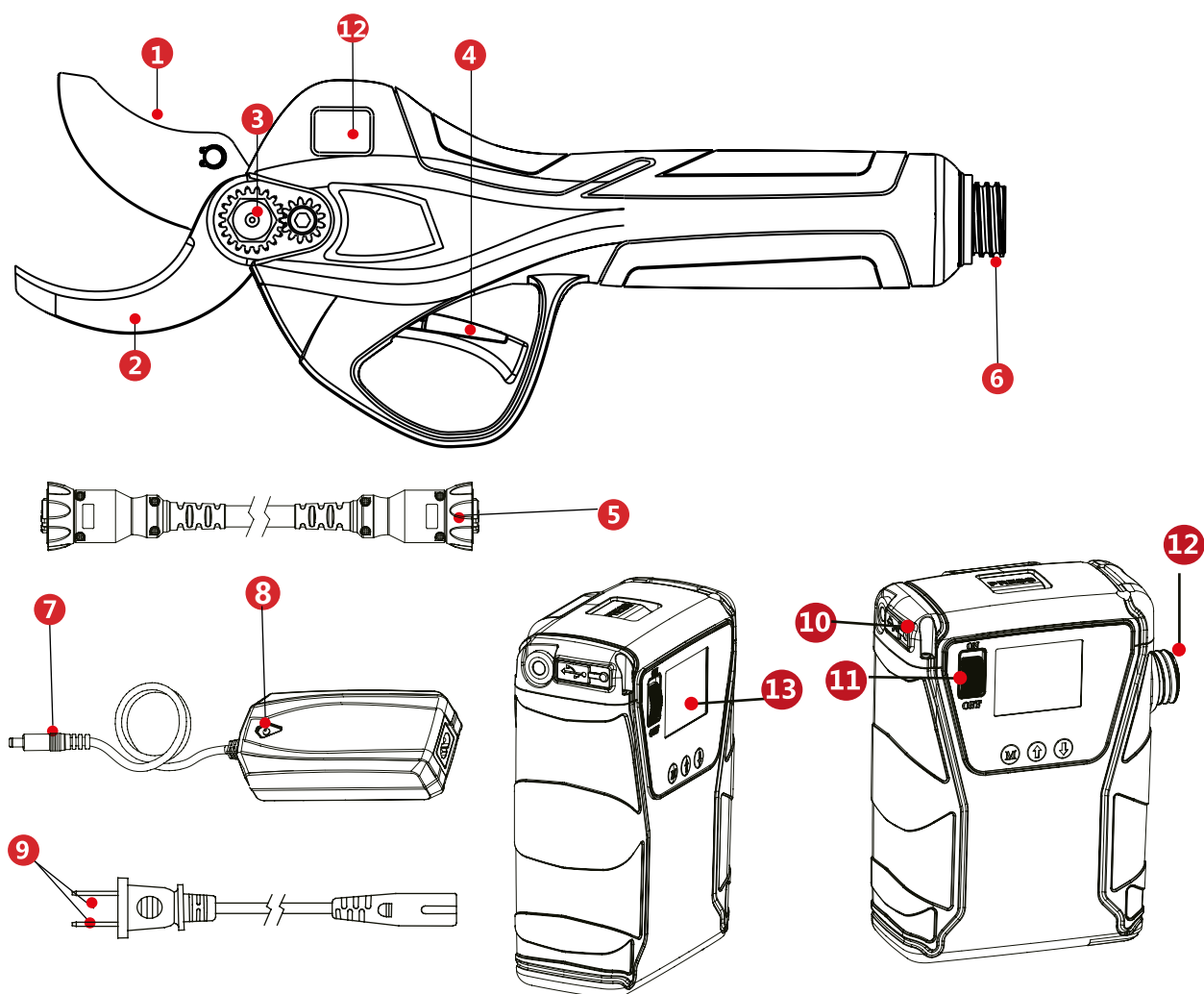
This product is a battery-driven electric pruning shear, comprises a fixed blade, a movable blade, lithium battery, battery charger, power cord and other components. Designed for cutting or orchards, vineyards, etc. Simple and easy to operate, it also has 8-10 times efficiency of traditional pruners. Pruning quality is significantly higher as compared to manual pruners.

● Technical Specifications

Type	
Max voltage/Rated voltage	50,4V / 43,2V
Cutting capacity	40mm
Max Power	1260W
Weight	(without power cord)
Size	330 x 114 x 43
Battery	
Max voltage/Rated voltage	50,4V / 43,2V
Rated Power	144 Wh
Charging time	2 hours
Operating time	6-8 hours
Weight	1385 g
Size	217 x 67 x 123
Charger	
Input voltage	110-240V ~ 50/60 Hz
Output voltage	42,5 V
Rated output power	85 Wh

● Nota

1. Movable Blade
2. Fixed blade
3. Latch pin
4. Trigger
5. Fixed power cord
6. Electric Pruning Shear's power input connector
7. Charger AC plug
8. LED light indicator(CHARGER)
9. Charger output plug
10. Battery charging jack
11. Battery power switch
12. Battery output connector
13. LED light indicator(BATTERY)



In case of any fault, please handle it according to the prompt code on the display screen.

Fault prompt on the display screen:

When using this product, if the following code appears on the screen, repair or handle according to the corresponding fault prompt.

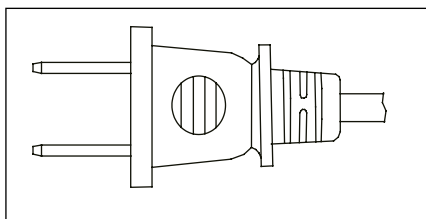
Meanings of Shears Alarms				
Alarm content	The mainboard's LED flashes for several times.	The mainboard's BUZ rings for several times	Display fault of the LED	Other Instructions
No fault	0	0	E00	
Anti-hand cutting protection	1	1	E01	
Current sensor error	2	6	E02	
MOS tube damage	3	6	E03	
Hall fault/blade breaking	4	3	E04	
Peak overcurrent/average current protection	5	5	E05	
Blocked opening/blocked rotor	6	3	E06	
Default phase	7	4	E07	
Undervoltage/overvoltage	8	1	E08	
MOS/chip over-temperature	9	6	E09	
PWM communication failure/ shears bit voltage error	10	2	E10	
Shears bit type error	10	7	E10	
EEPROM error	11	6	E11	
Phase detection failure	12	4	E12	
Programming error	13	6	E13	
> historical pruning times	14	5	E14	
> maintenance pruning times	15	5	E15	
The number of batteries in the shears bit and battery pack is different.	16	9	E16	
The mainboard fails to communicate with the battery pack.	17	10	E17	

Battery operation and maintenance

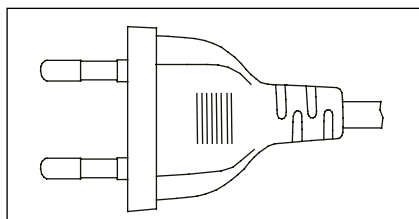
1. Do not charge the battery in ambient temperatures below 0°C (32°F).
above 45°C (113°F).
2. Make sure the battery is turned off before connecting the power cord to the same.
3. Use the charger only if supplied with the pruning shears, using any other charger that does not match the specifications of charging the battery can cause a fire.
4. Items such as paper clips, coins, keys, nails, screws or any other items conductive should be kept away from the battery when not in use.
5. Do not disassemble the battery.
6. Do not short circuit the battery.
7. Do not use the battery near heat sources.
8. Do not put the battery into fire or water.
9. Do not charge the battery near fire or in direct sunlight.
10. Do not insert nails into the battery, hammer, step on or throw the battery and avoid any other form of impact on it.
11. Do not use damaged or deformed batteries.
12. Do not perform welding or brazing on the battery.
13. Do not reverse the direction of charge of the battery, do not reverse the polarity of the connections and do not overcharge the battery.
14. Do not connect the battery to the charging sockets or cigarette lighter of the car
15. Do not use the battery on equipment other than the designated shear
16. Do not directly touch the lithium battery cells.
17. Do not put the battery in microwave oven, high temperature or in high pressure devices.
18. Don't use a leaky battery.
19. Keep the battery out of the reach of CHILDREN
20. Do not use or place the battery in direct sunlight (or in vehicles that are in direct sunlight) as this will cause overheating or burning of the battery, shortening its life.
21. Do not use the battery in electrostatic environment (over 64V)
22. Do not use batteries that are corroded, have an unpleasant odor, or have an unusual appearance.
23. If your skin or clothing comes into direct contact with battery fluid, wash with clear water immediately.
24. Keep the battery fully charged when the pruning shears are not is used for a long period of time.

● Universal charger-presentation of different charging plugs

Chinse standard

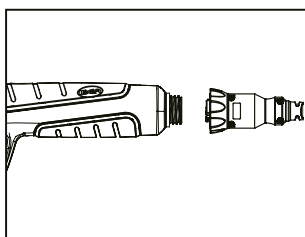


European standard/ Korea standard

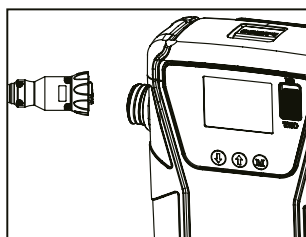


● Operation

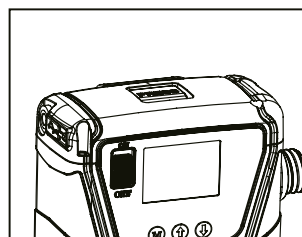
1. Connect the Pruner to the power cord (as shown in Figure 1)
2. Connect the power cord to the battery (as shown in Figure 2)
3. Put the battery on your waist
4. Turn on the power switch
5. Pull the trigger two times continuously and quickly to start the Pruner, so that you can start working normally with the Pruner.



as shown in Figure 1



as shown in Figure 2



as shown in Figure 3

● Failure Tips

Buzzer Sound Frequency Times	Failure	Solution Method
1	Battery capacity failure	Check if battery capacity is low
2	Communication failure	Check if every part of cable connector is loose
3	Blade failure	Oil on blade (see P16)
4	Motor phase loss	Send it to local dealer for maintenance
5	Motor phase line short-circuit	Check if cable or head of the connector has short –circuit caused
6	Battery failure	Send it to local dealer for maintenance

● Packing up

1. Press the trigger and hold for a few seconds and then release, the blade will close and will not open.
2. Switch off the battery, disconnect the power cord from battery.
3. Tidy up, clean up and pack the pruner into the tool box.



● Charging the battery

It is recommended to charge new battery before the first use of the electric pruner. To charge the battery, ensure the battery power switch is in OFF position. Plug the battery charger output into the battery charging jack then plug the charger into a power socket. The LED indicator on the battery will turn RED during charging and turn GREEN when the battery is fully charged. The battery takes about 2 hours to attain full charge. A fully charged battery can sustain 6-8 hours of continuous pruning operation.

● Cautions

1. Before charging, please ensure battery power switch is in OFF position. During charging, it is normal for the charger and battery to be warm.
2. If the battery is not used for a long period of time, it's recommended to charge the battery once every 3 months, this is to ensure the battery life is not affected by low usage.
3. For new battery or battery unused for a long time, it will need about 5 charge-discharge cycles before achieving full capacity.
4. Do not recharge a fully charged battery just after a few minutes of usage, this will reduce the battery lifespan and efficiency.
5. Do not use a damaged battery and disassemble the charger or battery.
6. Do not place battery near high temperature heat source, the battery will explode in fire or long exposure to high temperature heat source.
7. Do not charge the battery in outdoor or humid environment.
8. It is normal for the pruning shear to reduce cutting diameter when the battery capacity is getting low.
9. Do not use the pruning shear during charging. It must be disconnected from the battery during charging.
10. Do not store the battery in a humid environment.

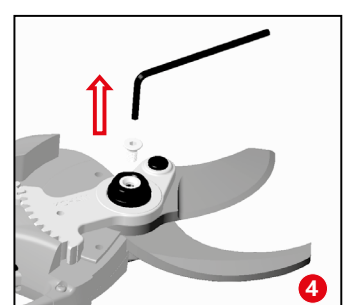
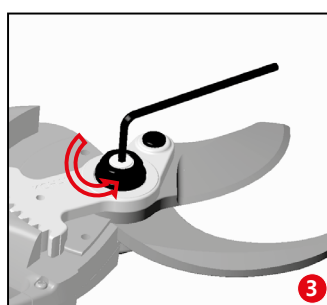
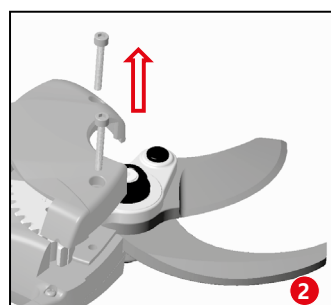
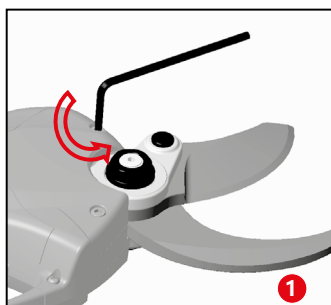


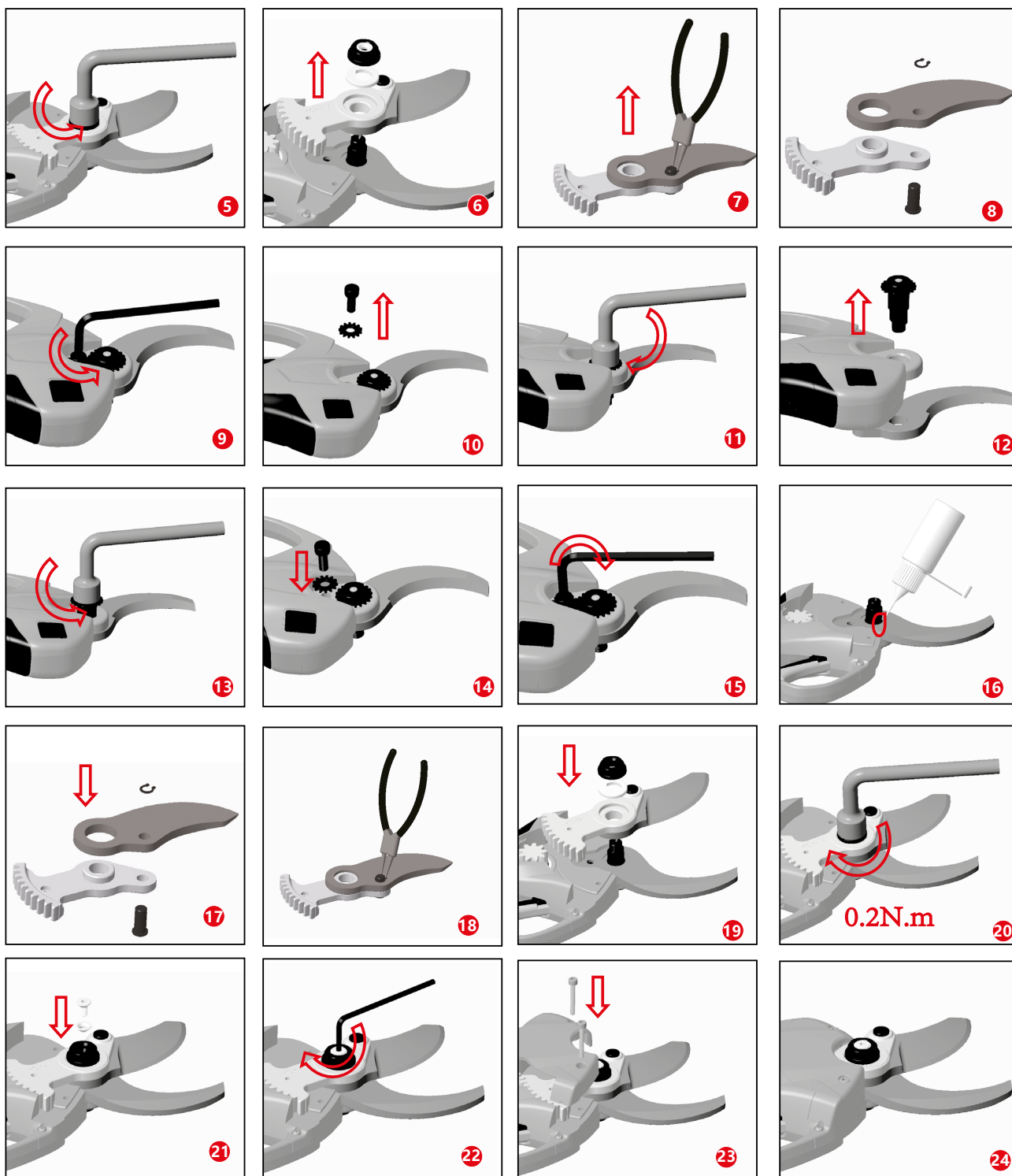
Replace the blade.

Please cut off the power source of the shears before operation.

When the entire length of the moving blade no longer coincides well with the fixed blade, or if the blade after grinding is still not clean after cleaning, it is recommended to replace the blade. The replacement steps are as follows:

1. For safety, please power off before replacement and remove the battery.
2. Follow the steps below to replace the blade.
3. After the replacement, clean it, connect the battery, check the power and close the blade.





Cleaning and disinfecting the cutting head

The cutting head can be cleaned to remove any residue (sap, etc.)

To do this, we recommend using an ecological spray.

It is also possible to disinfect the cutting head to prevent any diseases spreading on the wood. To do this, we recommend avoiding the use of corrosive products that could damage the device. Don't hesitate to contact us so that we can assist you in selecting your products.

Operations and Maintenance



When the device is running, always keep your hands away from the cutting head.

Operations and Maintenance for Pruning shears

1. Do not cut branches beyond the indicated diameter or even hard objects such as metal, stone or any other non-plant material. If the blades are worn or damaged, please replace them.
2. Keep the shear clean, use a clean cloth to clean the shear, battery and charger (do not use any abrasive or solvent-based cleaner), use a soft brush to brush the head of the shear.
3. Do not immerse the shears, battery or charger in any liquid.
4. Follow the instructions provided for correct use of the shears and do not use it when the battery or charger is damaged.
5. Do not use the shear if it cannot work or shut down properly, send for immediate service. It is dangerous to use shears when the tool may not work or shut off properly.
6. Make sure the shear is turned off during any adjustments, changing accessories or storage. This protective measure aims to reduce the risk of accidental activation of the shears.
7. Please make sure the blades are closed when not in use. Shear storage. Keep it out of reach of **CHILDREN**, do not allow its use by anyone who is not familiar with the operation of the shears or ignores the instructions for using the shears, as it is dangerous to use it without adequate training and understanding.
8. The use of the shears must comply with the instructions given in this manual and the methods of use, as well as taking into account the working environment and the nature of the work carried out. Using the shear outside its stated capabilities and specifications is dangerous.
9. Remove all dirt from the moving and fixed blades after each use, then apply lubricant to the side of the blade where the moving and fixed blades came into contact. This will ensure that the blades are kept in good condition and will reduce resistance during use extending the lifespan of the shears and blade.

Safety Notes



Warning! Please read all instructions carefully; there Failure to observe may cause electric shock, fire or other serious damage!

Work area safety

1. Keep the work area clean and bright, a messy workplace with little light can cause accidents.
2. Do not use the shear in explosive, flammable or humid environments.
3. Keep CHILDREN and bystanders away before using the shear to avoid accidental injury due to distraction.

Work area safety

1. The battery socket must be compatible with the power cord plug, do not modify the socket and plug.
2. Do not expose the pruning shears to rain, humidity, water or any other source of moisture that risks causing electric shock.
3. Do not use the power cord inappropriately. Do not lift or pull the pruning shears by the power cord. Keep pruning shears away from heat, oil, sharp edges or moving parts.

Human safety

1. Be careful when using pruning shears. Do not operate the shears when you are tired or under the influence of drugs or alcohol.
2. Use protective equipment and always use protective glasses and other safety equipment, such as dust mask, non-slip boots, helmet and hearing protection devices that reduce the risk of injury.
3. Before turning on the pruning shears, make sure that all adjustment tools and wrenches have been removed. Tools left on the rotating parts of the pruning shear can cause injury.

4. Do not overstretch your hands when using the pruning shears, keep both hands away from the cutting area. Never place your hands under the branches, at the same time make sure that the surface and the area under the branches do not contain any material that could be damaged by sharp edges. Always maintain balance and control of the pruning cut in any situation.
5. Dress appropriately, do not wear loose clothing or jewelry. Keep your hair, clothing and sleeves away from the pruning shears. Loose clothing, accessories and long hair can get caught in the moving parts of the tool.

Irregularity Measures

1. In case the pruning shears are unable to cut an object, release the trigger immediately and the moving blade will automatically return to the open position.
2. If the pruning shear is cutting a particularly hard branch, immediately release the trigger and the moving blade will automatically return to its open position.
3. In case the battery is not charging properly, please check if the charger is the one that comes with the package during purchase. The next step is to ensure that the charger's supply voltage is the same rating as the charger's specification
4. In the event of an electrical or mechanical malfunction, turn off the appliance immediately.
5. Failure to follow the instructions contained in this manual may cause liquid to leak from the battery; Do not touch leaked battery fluid. In case of accidental contact with battery fluid, clean immediately with clean water. If battery fluid remains in contact with eyes, wash with clean water and seek hospital assistance. Leaked battery fluid can cause irritation or burns.

Service

If you have any questions about pruning shears, please contact us immediately (contact information is on the cover). Our professionals will solve your problems and our qualified engineers will repair your electric pruning shears.

Avviso

The company reserves the right to make any design and manufacturing changes deemed necessary to improve performance. Thanks for understanding.

If there are differences between the physical instrument and the graphic images and texts in this manual, consider the physical object to be the most accurate.

Warranty services conditions:

- During the warranty period, the damage caused by performance failure, the factory or seller will be warranty service by free.

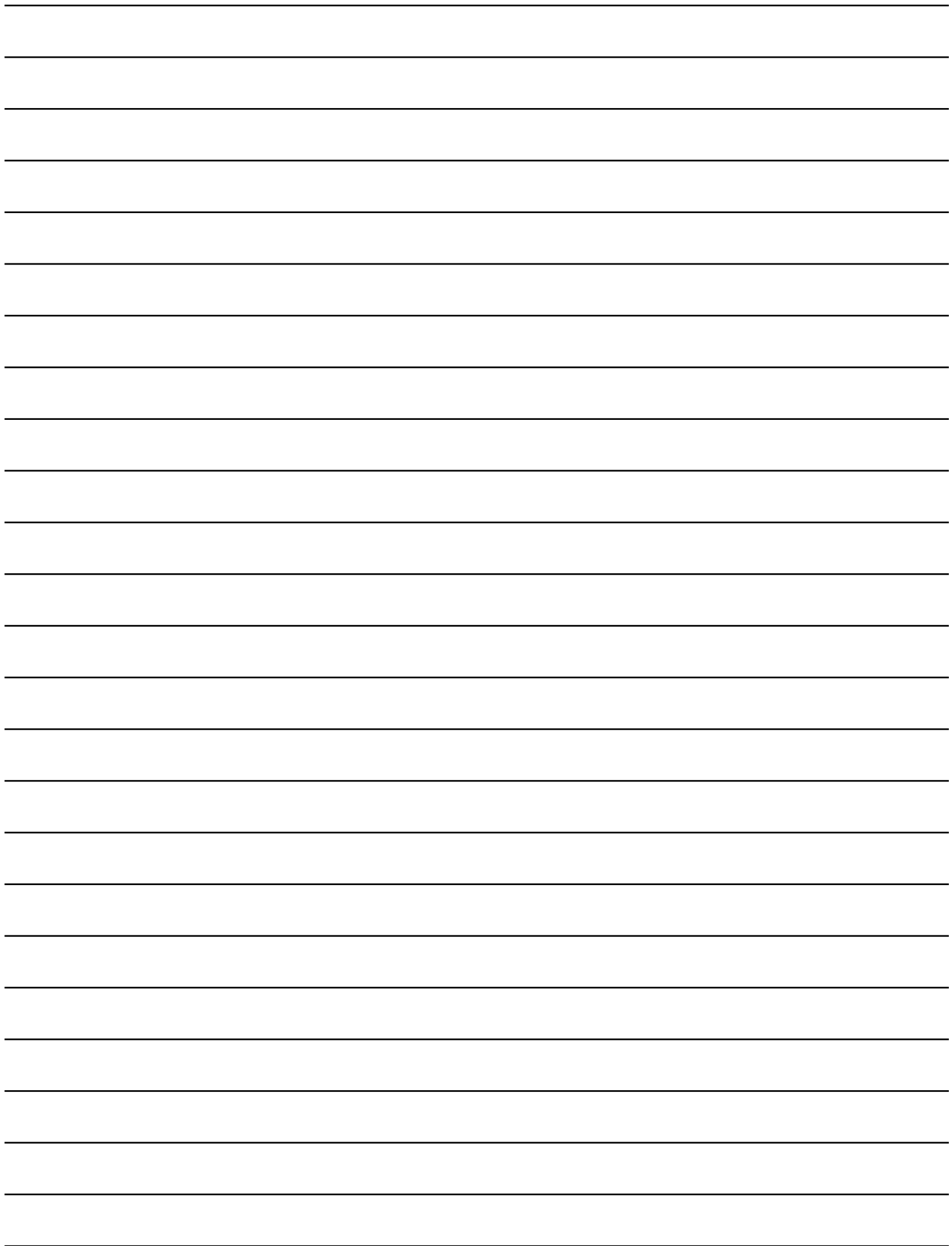
Non-Free Warranty services conditions:

- The damage caused by man force, the factory or seller shall not be free warranty services.
- Warranty card and original purchase invoice should be properly kept within product-warranty period. No warranty card and original purchase invoice shall not be free warranty services.
- External forces (fire, flooding, lightning, etc.)
- Tools which have been dismantled by unauthorized repairers.



Do not cut branches beyond the specified diameter indicated. Don't put the blade out of the branches for cutting. Damaged due to inappropriate usage, the factory or seller will not be warranty service by free.

Do not cut hard items such as metal, stone any other non-plantmaterials, if the blades are worn or damaged due to inappropriate usage, the factory or seller will not be warranty service by free.



EC DECLARATION OF CONFORMITY - HERSTELLERERKLÄRUNG - DECLARATION 'CE' DE CONFORMITE - DECLARACION DE CONFORMIDAD - DICHIARAZIONE DI CONFORMITA' EUROPEA - GELIJKVORMIGHEIDSVERKLARING - EC DEKLARATION I OVERENSSTEMMELSE - DECLARAÇÃO CE DE CONFORMIDADE - EY ILMOITUS - FORSAKRAN OM OVERENSSTAMMELSE - BEKREFTENDE EU ERKLÆRING - ΔΗΛΩΣΗ ΕΚ ΣΥΜΜΟΡΦΩΣΗΣ - EUROPEJSKA DEKLARACJA ZGODNOSCI

1) MANUFACTURER – HERSTELLER – FABRICANT – FABRICANTE – COSTRUTTORE – CONSTRUCTEUR – PRODUCENT – FABRICANTE – VALMISTAJA – TILLVERKARE – FABRIKANT – Κατασκευαστής – PRODUCENT:

Blue Bird Industries Fabbrica Motori SRL
Via Due Camini 19, 36010 Zanè (VI), Italia

2) DESCRIPTION OF THE MACHINERY – BESCHREIBUNG DER MASCHINE – DESCRIPTION DE LA MACHINE – DESCRIPCION DE LA MAQUINARIA – DESCRIZIONE DELLA MACCHINA – BESCHRIJVING VAN DE MACHINE – BESKRIVELSE AF MASKINEN – DESCRIÇÃO DA MAQUINA – KONEEN NIMITYS – MATERIELSLAG – BESKRIVELSE AV MASKINERIE – ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΜΗΧΑΝΩΝ – OPIS MASZYN:

FORBICE DA POTATURA – PRUNING SHEAR

a) MAKE – FABRIKAT – MARQUE – MARCA – MARCA – MERK – MÆRKE – MARCA – MERKKI – FABRIKAT – FABRIKANT – MAPKA – MARKA:

BLUE BIRD INDUSTRIES Fabbrica Motori srl
Via Due Camini 19, Zanè, Italia

b) TYPE / TYP / TYPE / TIPO / TIPO / TYPE / TYPE / TIPO / MALLI / TYPBE / TYPE / TYÖ / TYP:

PS 22-40

c) Il prodotto è conforme alle direttive - The product complies with the directives - Das Produkt entspricht den Richtlinien - Le produit est conforme aux directives - El producto cumple con las directivas :

- 2006/42/EC – 2014/30/EU – 2000/14/EC (2005/88/EC) – 2011/65/EU

d) REFERENCE TO STANDARDS/HARMONIZED STANDARDS - VERWEIS AUF NORMEN/HARMONISIERTE NORMEN - REFERENCE AUX NORMES/NORMES HARMONISEES - REFERENCIA A ESTANDARES/ESTANDARES ARMONIZADOS - RIFERIMENTO ALLE NORME/NORME ARMONIZZATE - REFERENTIE NAAR STANDAARDEN/GEHARMONISEERDE STANDAARDEN - REFERENCE TIL STANDARDER/HARMONISEREDER STANDARDER - REFERENCIA AS NORMAS/NORMAS HARMONIZADAS - VITTAUS STANDARDEIHIN/YHTEISIIN STANDARDEIHIN - REFERERANDE TILL STANDARDER/HARMONISERADE STANDARDER - HENVISNING TIL STANDARD/FELLES STANDARD - ΠΑΡΑΠΟΜΠΗ ΣΕ ΠΡΟΤΥΠΑ/ΕΝΑΡΜΟΝΙΣΜΕΝΑ ΠΡΟΤΥΠΑ - ODNIESIENIE DO NORM/NORM ZHARMONIZOWANYCH:

EN62841-1:2015 EN ISO 12100:2010

e) Il caricabatterie (mod. LP-4820) è stato fabbricato e distribuito in conformità con le seguenti direttive: 2014/35/EU, 2014/30/UE e 2011/65/UE

The charger (mod. LP-4820) has been manufactured and put on the market in accordance with the following directives: 2014/35/EU, 2014/30/UE and 2011/65/UE

Das Ladegerät (mod. LP-4820) wurde gemäß den folgenden Richtlinien hergestellt und vertrieben: 2014/35/EU, 2014/30/UE e 2011/65/UE

Le chargeur (mod. LP-4820) a été fabriqué et distribué conformément aux directives suivantes: 2014/35/EU, 2014/30/UE e 2011/65/UE

El cargador (mod. LP-4820) fue fabricado y distribuido de acuerdo con las siguientes directivas: 2014/35/EU, 2014/30/UE e 2011/65/UE

Importato da - Imported by - Eingeführt von - Importé par - Importado por:



BLUE BIRD INDUSTRIES – FABBRICA MOTORI s.r.l.

ZANÈ (VI) – ITALIA

26-03-2024

The chairman – Der vorsitzender – Le président – El presidente – Il presidente – De voorzitter – Daglig leder – O presidente – Toimitusjohtaja – Verkställande direktör – Administrerende direktør – Ο ΠΡΟΕΔΡΟΣ - Prezes

VANDA VITELLA

(GB) Technical documentation maintained by
(F) Documentation technique maintenue par
(I) Documentazione tecnica conservata da
(DK) Teknisk dokumentation tillhandhallen av
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