

**DC ICE MAKER SUPPORTS
OPTIONAL BATTERY
GH-1562
USER MANUAL**

SAFETY INSTRUCTIONS



WARNING! Failure to obey these warnings could result in malfunction of your device and possible injury for yourself and other users.

- Do not operate the device if it is visibly damaged.
- Do not block the gaps of the device with things like pin, wire, etc.
- Do not expose the device to rain or soak it in water.
- Do not place the device near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.)
- Do not store any explosive substances such as spray cans with a flammable propellant in the device.
- Before starting the device, ensure that the power supply line and the plug are dry.
- Check that the voltage specification on the type plate corresponds to that of the energy supply.
- Once unpacked and before turning on, the device must be placed on a level surface for more than 6 hours.
- Make sure that the device stays horizontally when it is running. The tilt angle must be less than 5° for long time running and be less than 45° for short time running.
- Keep good ventilation: the device must be well ventilated for heat dissipation and make sure to keep some space around it. (Back Space \geq 200mm, Side Space \geq 100mm)
- Keep it stable: put the device on the ground or in the car. Do not turn the device upside down for drainage.



Notice!

- The device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.
- The device can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the device in a safe way and understand the hazards involved.
- Children must be supervised to ensure that they do not play with the device.
- The installation of DC power in the boat must be handled by qualified electricians.



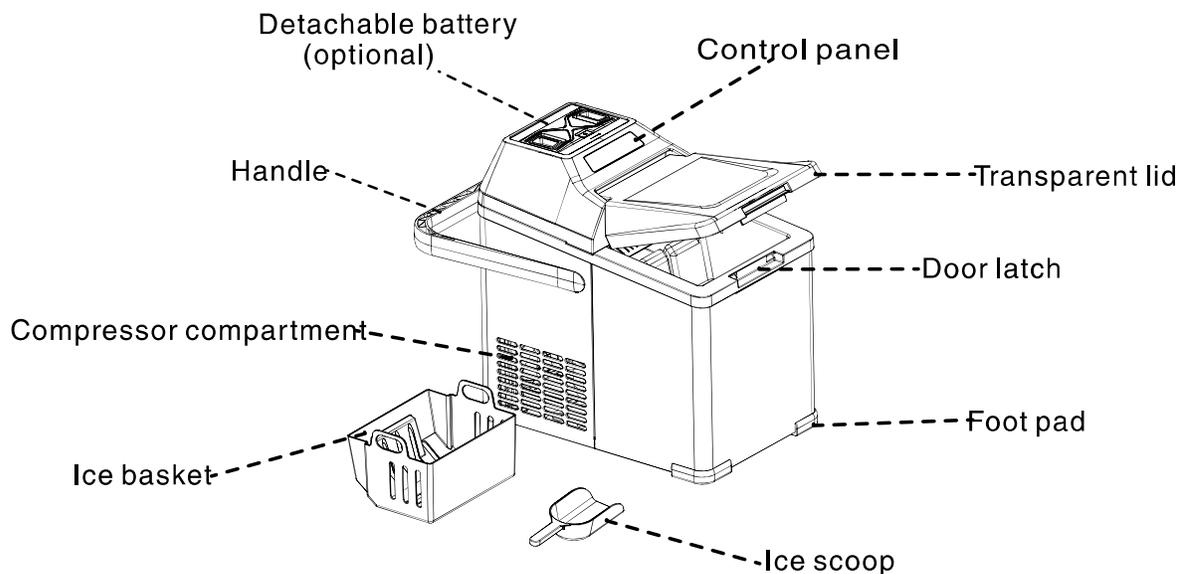
Caution!

- Disconnect the device from the power supply before each cleaning and maintenance and after every use
- If the device is left empty for long periods: switch off the device; defrost the device; clean and dry the device; leave the lid and water drain plug open to prevent mold developing within the device.

PRODUCT FEATURES

- High-efficiency DC compressor and conversion module.
- DC 12V/24V or AC 230V power supply (using optional AC to DC adapter).
- Ice making mode: Energy saving mode or standard mode.
- Intelligent battery protection system:
1) DC12V: cut out(10.1V), cut in(11.4V); 2) DC24V: cut out(22.3V), cut in(23.7V).
- Fast ice making: making 9 ice cubes in 6 minutes (based on 24°C room temperature).
- Detachable lithium battery(optional).
- Specific parts: portable handle,foot pad, 1.5L removable ice basket and ice scoop.

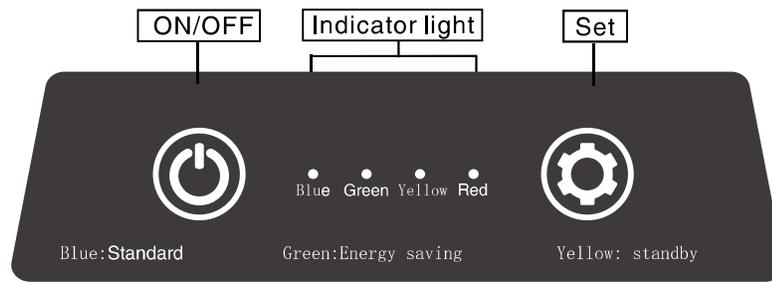
PRODUCT STRUCTURE



FUNCTION AND OPERATION

■ Before First Use:

- Unpack Portable Ice Maker and check “Parts and Features” to make sure all parts were included.
- Clean interior with clean cloth or sponge with hot, soapy water before starting the device for the first time.
- Place Portable Ice Maker on a dry, flat surface away from any walls and direct sunlight.
- Allow one hour for the refrigerant fluid to settle before plugging the cord into an electrical outlet for the first time.



■ How to Make Ice:

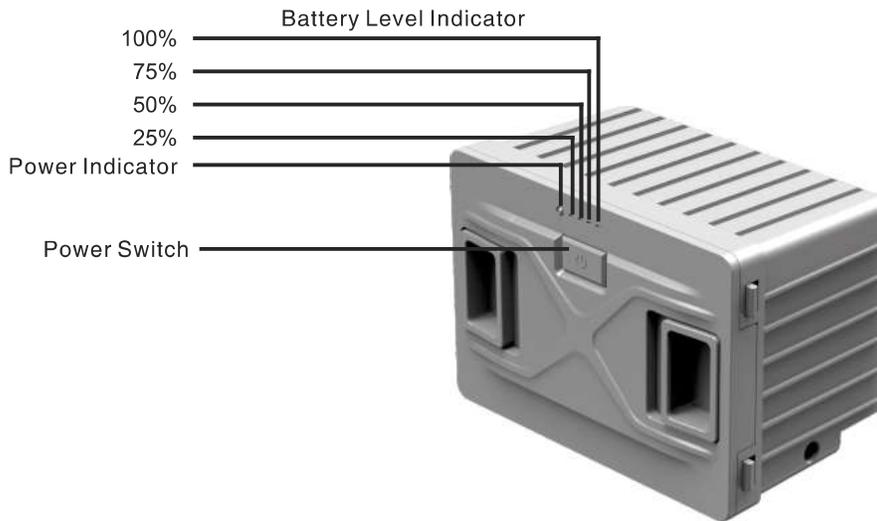
- ① Open the transparent lid to remove the Ice Basket and pour water into the water reservoir. Keep the water level below the MAX level mark. If water levels exceed the MAX level mark, drain any excess water by removing the water drain plug;
- ② Under the running state, press  to switch ON, the ice maker will enter Standby mode and the yellow indicator light will be on;
- ③ Under the running state, select Energy saving mode or Standard mode to make ice. When selecting the standby mode, the ice maker will stop making ice. Detailed operations are as follows:
 - Press  for the first time to switch to **Energy saving mode**, and the **green indicator light** will be on.
 - Press  for the second time to switch to **Standard ice making mode**, and the **blue indicator light** will be on;
 - Press  for the third time to switch to the **Standby mode**, and the **yellow indicator light** will be on.
- ④ When the ice basket is full, the buzzer will make a long beep.
 - In Energy saving mode, the ice maker will stop running and the yellow indicator light will be on when the ice basket is full.
 - In **Standard mode**, the blue indicator light will continue to be on and the ice maker will make ice circularly.
- ⑤ When the reservoir is low in water the red indicator light will turn on and the buzzer will sound every 10 seconds

Simple Operating Instructions

Light	Mode	Details
Green light	Energy Saving Mode	Will stop after one full basket of ice is made
Blue light	Standard Ice Making Mode	Normal continuous operation until ice bucket is full. After the basket is full it will switch to standby mode (yellow light). If ice is used or melts it will change from standby (yellow light) back to Standard Ice making mode (blue light) until the ice bucket is full again.
Yellow light	Standby Mode	Will change from blue to yellow light once basket is full
Red light	Faulty Alarm	Red light blinks when ice maker is out of water or malfunctions

BATTERY OPERATION

Battery Model	Capacity	Rated Voltage	Charging Limited Voltage	Max Charging Current
GH-2051	7.8AH	11.1V	12.6V	4A
GH-2053	15.6AH	11.V	12.6V	4A

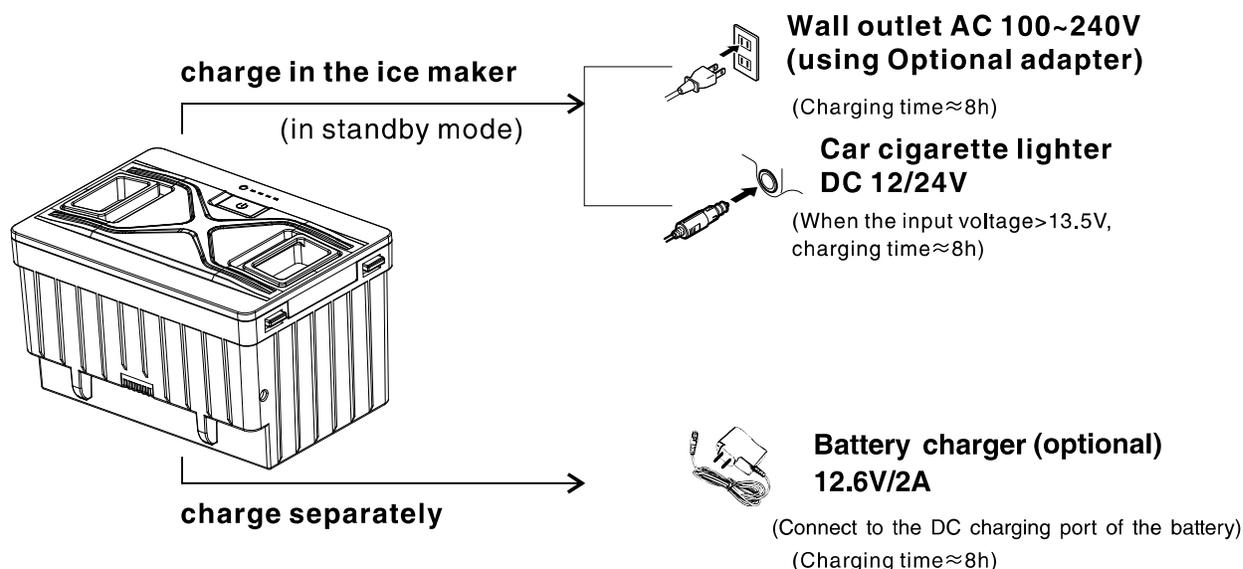


WARNING:- Each ice maker has an internal battery charger to ensure the battery is charged safely and correctly. It is recommended that the battery is charged by installing it into the ice maker first, then connecting the ice maker to the optional mains adapter or the car charger. The optional mains adapter or car charger **CANNOT** be connected directly to the battery, as this could damage the battery or cause fire.

There is an optional battery charger, which is designed **ONLY** to charge the battery when it is not installed in the ice maker.

Do not disassemble, impact, squeeze, crush, or throw or misuse the battery, do not dispose of in fire, any of which may result in short circuit and fire or explosion. If there is swelling and heating of the battery do not continue to use, it may result in fire or explosion, do not use the battery if it is wet or damp.

• **Battery charging (all below data based on 15.6AH battery):**



Note: When the ice maker is running, the power is mainly used for the compressor operation, and the charging is relatively slow. If you need to charge quickly, please charge the ice maker in the standby mode. The charging input power should be higher than the working power (about 65-75W) of the ice maker, or switch off the power button to put the ice maker into standby mode, otherwise the battery will gradually run out.

• **Discharging time (for reference only):** When the battery is fully charged, the ice maker can be used continuously for 2.5 hours. When the battery is not in use, unplug or turn off the battery to prevent the battery from self-discharging.

CLEANING AND STORAGE

■ **Cleaning:**

- Unplug the device first to avoid electric shock.
- Take out the ice basket and ice scoop, and wash them in warm and soapy water.
- Use a soft wet towel to clean the interior and exterior of the device.
- Do not soak the device in water and do not wash it directly.
- Drain the interior water by unplugging the water drain plug on the bottom of the device.
- Dry the interior and exterior with a soft, non-abrasive cloth.

■ **Storage:**

If the device will not be in use for a long time, please follow the instruction:

- Turn off the power and remove the plug.
- Completely drain the water from the water reservoir.
- Keep the water drain open.
- Put the device in a cool and dry place.

TROUBLESHOOTING

Issues	Suggestions
The device does not work	Check if the switch is on.
	Check if the plug and socket are not connected well.
	Check if the fuse has been burnt.
	Check if the power supply is malfunctional.
	Switching on/off the ice maker frequently may cause start delay of the compressor.
The ice cubes stick together	The ice cycle may be too long, stop the device then restart it when the ice cubes melt.
The ice cubes have odor /taste	Ice stored for an extended period may absorb odors. Discard old cubes, use the device regularly.
	The interior of the device needs cleaning.
Red indicator light flashes once every 5 seconds	Possible cause: low voltage to ice maker. Make sure to connect to correct voltage.
Red backlight flashes twice every 5 seconds	Possible cause: condenser fan is overloaded. Contact manufacturer for service.
Red backlight flashes three times every 5 seconds	Possible cause: compressor not kick in. Contact manufacturer for service.
Red backlight flashes four times every 5 seconds	Possible cause: compressor is overloaded. Contact manufacturer for service.
Red backlight flashes five times every 5 seconds	Possible cause: overheating of the compressor & electronics. Contact manufacturer for service.
Red backlight flashes six times every 5 seconds	Possible cause: no parameter can be detected by the controller. Contact manufacturer for service.
Red backlight flashes seven times every 5 seconds	Possible cause: temperature sensor circuit is short. Contact manufacturer for service.
Red backlight flashes eight times every 5 seconds	Possible cause: temperature sensor circuit is break. Contact manufacturer for service.

WARRANTY AND MAINTENANCE

If the device gets malfunctional, limited warranty will be provided for 1 year from the date of purchase, except following situations:

- Contrived damage.
- Damage caused by force majeure such as earthquake, conflagration, etc.
- Damage from inappropriate use or violating this instruction.
- Damage or malfunction caused by disassembling.

TECHNICAL INFORMATION

Model	GH1562
Rated Voltage	DC12/24V or AC100~240V(using the adapter)
Rated Power Input	60W@25°C
Sound Noise Level	≤45dB
Climate Class	N/SN
Product Dimension(L*W*H)	355*268*413mm (13 15/16*10 9/16*16 1/4 inch)
Packing Dimension(L*W*H)	433*297*468mm (17 1/16*11 11/16*18 3/8 inch)
Loading QTY (20/40/40HQ)	412/856/1070pcs
Net Weight	10.2kg/22.48lb
Gross Weight	11.1kg/24.47 lb
Rated Current	DC 5.0A/2.5A AC 1.2A-0.5A

* Due to product improvement, the technical information might be different from actual information, please refer to the rating label on the product.

■ Disposal:

Place the packaging material in the appropriate recycling waste bins wherever possible.



If you wish to finally dispose of the product, ask your local recycling center or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.

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Electus Distribution
46 EASTERN CREEK DRIVE
EASTERN CREEK NSW 2766
Ph: 1300 738 555 Int'l:+61 2 8832 3200 Fax:1300 738 500
www.electusdistribution.com.au
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