

FCC information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Specifications

Dimensions:	86 (W) × 87.5 (D) × 49 (H) mm, 3.4 (W) × 3.4 (D) × 1.9 (H) inch (Projections not included)
Weight:	Approximately 127 g, 4.5 oz (Without power adapter)
Charging temperature range:	0°C ~ 45°C, 32°F ~ 113°F
Power supply requirement:	12 ~ 16 V DC or the specified power adapter
Approximate charging time:	BP-230N 1.5 hours BP-232H/WP/UL 3.5 hours

All stated specifications are subject to change without notice or obligation.

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ICOM INSTRUCTIONS

DESKTOP CHARGER BC-160

Thank you for choosing this Icom product.
READ ALL INSTRUCTIONS carefully and completely before using this product.
The BC-160 charges a Li-ion battery pack in approximately 1.5–3.5 hours.

Precautions

MAKE SURE battery and charger contacts are always clean. Otherwise, battery pack may not be charged properly.

When the charger is not in use, disconnect the power adapter from an AC outlet. The power adapter consumes power when connected to the AC outlet.

NOTE: If your battery packs seem to have no capacity even after being fully charged, completely discharge them, then fully charge them again. If they still do not retain a charge (or very little), a new battery pack must be purchased.

Precautions

⚠ **WARNING!** NEVER charge non-Icom battery packs. Only the specified Icom Lithium-ion battery packs are tested and approved for use with the charger. Using third-party or counterfeit battery packs may cause smoke, fire, or cause the battery to burst.

⚠ **WARNING!** NEVER modify the charger and/or power adapter. This may cause a fire hazard or electric shock.

⚠ **WARNING!** USE only specified accessories. Using third party or counterfeit accessories may result in a fire hazard or electric shock.

CAUTION: DO NOT let metal, wire, and so on, touch any internal parts of the charger.

CAUTION: DO NOT use the charger with the power adapter when it is covered by objects that impede heat dispersal.

USE INDOORS ONLY! NEVER expose the charger to rain, snow or any liquids.

Always place the charger in a secure place to avoid inadvertent use by unauthorized person.

KEEP the charger away from TV sets or radios to prevent interference.

Charging caution

⚠ **DANGER!** NEVER charge the battery pack in areas with extremely high temperatures, such as near fires or stoves, inside a sun-heated vehicle, or in direct sunlight. In such environments, the safety/protection circuit in the battery will activate, causing the battery to stop charging.

⚠ **WARNING!** NEVER charge the battery pack during a lightning storm. It may result in an electric shock, cause a fire or damage the products. Always disconnect the power adapter before a storm.

⚠ **WARNING!** NEVER charge or leave the battery in the battery charger beyond the specified time for charging. If the battery is not completely charged by the specified time, stop charging and remove the battery from the battery charger. Continuing to charge the battery beyond the specified time limit may cause a fire, overheating, or the battery may rupture.

⚠ **WARNING!** Occasionally observe the battery pack condition while charging. If any abnormal condition occurs, discontinue using the battery pack.

Precautions

◇ Charging caution

CAUTION: DO NOT insert the battery pack (with/without the transceiver) into the charger if it is wet or soiled. This could corrode the battery charger terminals or damage the charger. The charger is not waterproof.

NOTE: DO NOT charge the battery pack outside of the specified temperature range: 0°C ~ 45°C (32°F ~ 113°F). Otherwise, the charging time will be longer, but the battery will not reach a full charge. While charging, at a point after the temperature goes out of the specified range, the charging will automatically stop.

◇ Battery caution

Misuse of Li-ion batteries may result in the following hazards: smoke, fire, or the battery may rupture. Misuse can also cause damage to the battery or degradation of battery performance.

△ **DANGER!** **KEEP** battery pack away from fire. Fire or heat may cause them to rupture or explode. Dispose of a used battery pack in accordance with local regulations.

△ **WARNING!** **NEVER** use deteriorated battery packs. They could cause a fire.

CAUTION: DO NOT continue to use the battery pack if it emits an abnormal odor, heats up, or is discolored or deformed. If any of these conditions occur, contact your Icom dealer or distributor.

BE CAREFUL of the battery pack's temperature—when the battery pack is extremely cold, the charger cannot charge the pack.

BE SURE to replace the battery pack with a new one approximately 5 years after manufacturing, even if it still holds a charge. The material inside the battery cells will become weak after a period of time, even with little use. The estimated number of times you can charge the pack is between 300 and 500. Even when the pack appears to be fully charged, the operating time of the transceiver may become short when:

- Approximately 5 years have passed since the pack was manufactured.
- The pack has been repeatedly charged.

The battery cells may deteriorate and swell due to their characteristics if used in an environment and conditions such as: frequently charged, recharged immediately after full charge, used or saved in a hot place, or charged by methods other than the instructions. If the battery pack swells, it has reached the end of its life due to deterioration. Replace it with a brand new one.

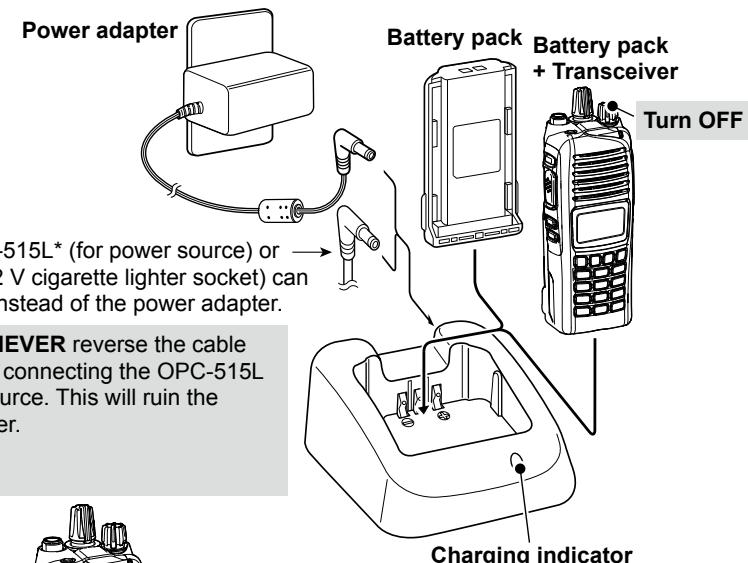
Supplied accessory

Item	Quantity
• Power adapter.....	1
① A power adapter may not be supplied, depending on the charger version.	

How to charge

CAUTION: The transceiver power **MUST** be turned OFF during charging, otherwise:

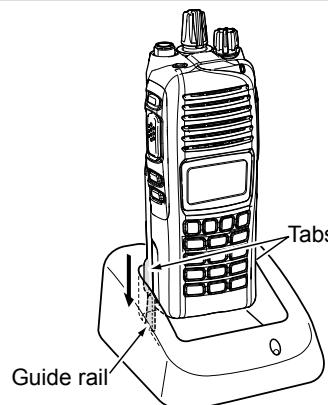
- The battery pack will not correctly be charged.
- The battery life may be shortened.



Optional OPC-515L* (for power source) or CP-23L (for 12 V cigarette lighter socket) can also be used instead of the power adapter.

***CAUTION: NEVER** reverse the cable polarity when connecting the OPC-515L to a power source. This will ruin the battery charger.

White line: \oplus
Black line: \ominus



IMPORTANT:
Ensure the guide tabs on the battery pack are correctly aligned with the guide rails inside the charger.

• Charging indicator

Orange:

Green:

Alternately blinks green and orange: The inserted battery pack or the charger has a problem.

- ① If the charging indicator alternately blinks green and orange, remove the battery pack or the transceiver from the charger, then reinsert it.
- ① When the indicator does not light, even after a battery pack is inserted properly, the battery pack may have a problem.