Holder and Charging Specifications Li-Polymer

Item no 530677, 532677 (Reference doc 311-1190)

ICOM IC-F1000

Features & Benefits

- Always keep your battery fully charged
- Made of rugged thermal resistant FT-140 ABS plastic
- Charges Li-Polymer batteries
- Works in 12 and 24 volt vehicles
- Rapid and trickle charges radio
- LED Red to Green charging status indicator
- Custom fit to hold device securely
- Allows one-handed insertion and removal of radio
- You can charge just the battery alone in the holder
- Works with or without belt clip on back of radio
- Charging cable with cigarette lighter plug attached to holder
- Attach to console wall, dashboard or any type of vehicle mount
- Designed and manufactured in Sweden

Charging Specifications

Lithium-based

Lithium charging is based on CVCC (Constant Voltage Constant Current). The charging procedure is as follows:

If the battery is empty or has low charge a constant current charges the battery until the cell voltage reaches 8,4V. The LED emits red light. Hereafter the charge continues until the current goes down to 0A. The battery is now full and stays fully charged. A special designed voltage controller is monitoring that the cell voltage is within limit. The LED emits green light.

If the battery is used without disconnecting the charger, current is supplied directly resulting in a fast recovery.

Battery Chemistry	Li-ion or Li-Poly batteries
Input Voltage	11-30 V
Charging Voltage	8.4 V
Timer for Max. Charging Time	Automatic, stops at 8.4 V
Max. Charging Time	2-3 hours depending on battery capacity
Rapid Charge	1 A +/- 5%
Trickle Charge	0 to 50 mA
LED Charging Indicator	LED Red to Green indicator
Temperature Control	Controlled by battery

RoHS Compliant	Yes
Input Transient Protected	Withstands +200V & -600V. A 2,5A fuse is mounted on the incoming supply.
Output Short Circuit Protected	The charger will supply a maximum current of 1 A which protects both the charger and the connected equipment. The current limit is set to standards of the producer and shall not be higher.
Compatible batteries	