

## Holder and Charging Specifications Li-Ion and Li-Polymer

Item no 530389, 532389 (Reference doc 311-1171)

# Hyt TC-700, 780W

### Features & Benefits

- Always keep your battery fully charged
- Made of high grade ABS plastic
- Charges Li-Ion or Li-Poly 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
- Designed and manufactured in Sweden
- 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 attached to holder providing dock type connection
- Attach to ProClip Vehicle or Pedestal mounts
- Can also be attached directly to any flat surface, dashboard, console wall, or any type of mounting bracket

### Holder specifications item no 530389 - Charging Holder with Cigarette Lighter Plug

Material	Rugged thermal resistant black ABS plastic (FT103)
Dimensions (W x H x D)	62 x 84 x 44 mm
Weight	105 g / 0.23 lbs
Cable Length	48 cm
Attachment	AMPS hole pattern

### Holder specifications item no 532389 - Charging Holder for Hard Wire Installation

Material	Rugged thermal resistant black ABS plastic (FT103)
Dimensions (W x H x D)	62 x 84 x 44 mm
Weight	87 g / 0.19 lbs
Cable Length	144 cm
Attachment	AMPS hole pattern

## Charging specifications item no 530389, 532389

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
Compatible batteries	KAA0100
Input Voltage	11-30 V
Charging Voltage	12.6 V
Timer for Max. Charging Time	No, automatic
Max. Charging Time	0 minutes
Rapid Charge	1,0 A +/- 5%
Trickle Charge	0 to 50 mA
LED Charging Indicator	LED Red to Green indicator
Temperature Control	Controlled by battery
Operating Temperature	-40° C to + 50° C / -40° F to 122° F (can be restricted by battery chemistry)
EMI/RFI	CE, E, FCC Part 15 Class B, ICES-003 Class B
Environmental	RoHS Compliant
Electrical Testing	ISO 7637 and SAE J1455
Input Transient Protected	Withstands +150V & -450V. A 2,5A fuse is mounted on the incoming supply.
Output Short Circuit Protected	The charger will supply a maximum current of 1,0 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.