

Part No 094100

Single Bay Radio Battery Intelli Charger

The 094100 is a multi-function intelligent single bay battery charger. It includes a built-in, backlit, two line LCD display that provides valuable information. It displays a broad range of battery charging data as well as the battery's specification details. The charger has adaptive reconditioning optimising the cycle life of the battery to maximise talk time. This automated process is done by evaluating the details of the battery's usage pattern to determine the optimal reconditioning interval.

This series of chargers are a multi-chemistry charger capable of charging: NiCd, NiMH, Li-Ion and Li-Po chemistries. The charger can be powered by wide range AC inputs (110 – 240v AC) via an external provide AC supply, or wide range DC inputs (14 – 24v DC). This is achieved via integrated AC and DC modules. The radio can be on while in the charger and be used in receive mode. Optional vehicle mounting kits are also available.



The 094100 can charge both Intelli and non-Intelli Batteries, with or without the radio attached. The charger automatically detects the battery voltage and applies the correct 11.1v or 7.4v DC charge modes. All of our universal charger models utilise our fully interchangeable insert cup system with cups available for all major radio brands & models. Please refer Cup Options below.

LCD Displayed Information

- Battery ID type (INTELLI or non-INTELLI battery)
- Current battery status such as charging, discharging, calibration, etc
- Battery capacity. (rated capacity and current capacity)
- Battery voltage while charging and at completion of charge.
- The battery's unique serial number, part number, chemistry and date of manufacture.
- Battery charge and discharge cycles, service life and current battery temperature.

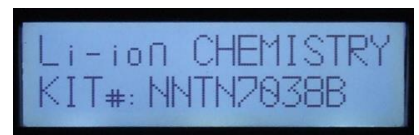
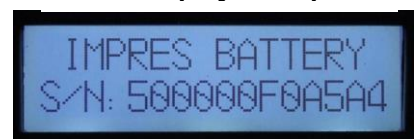
LED Light Information

- Power on – Red light for 2-3 seconds
- Battery charging – solid Red
- Charge complete – solid Green
- Temperature protection – solid Orange

Specifications

Part No:	094100
Input Voltage:	AC110 ~ 240v ± 10% DC14v ~ 24v
Max Input Power:	≤70W
Unload Power:	≤0.5W
Efficiency	≥85%
Battery Nominal Voltage	11.1v/7.4v
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-10°C ~ +60°C
Temperature Protection	55°C ± 5°C
Net Size: 147x100x53mm	Net Weight: 320g
Gross Size: 240x158x60mm	Gross Weight: 580g

LCD Display Examples
































Warranty

12 months (Please refer to [Benelec Terms & Conditions](#))

*IMPRES™ is a trademark of Motorola Solutions

Universal Intelli Charger Cup Options

Part Number	Brand Supported	Radio Models Supported
094C0B02		BLP Series Portables
		Relm KNG Series Portables
094C0I01		Icom BP209, BP210
094C0I02		Icom BP227
094C0I03		Icom BP264, BP265
094C0I04		Icom BP195, BP196
094C0I05		Icom BP232, BP231
094C0K01		Kenwood KNB15, KNB17
094C0K02		Kenwood KNB33L
094C0K03		Kenwood KNB45L
094C0K04		Kenwood KNB25, KNB26, KNB35L
094C0K05		Kenwood KNB29
094C0M01		Motorola CP150 CP040 CP200
094C0M02		Motorola GP300, GP88, GTX
094C0M03		Motorola XTS2500, XTS3000, XTS5000
		EF Johnsson XTS3000, XTS5000
094C0M04		Motorola GP328 GP340 GP380
094C0M05		Motorola GP2000
094C0M06		Motorola MTP700 MTP750
094C0M07		Motorola MTP850
094C0M08		Motorola MTP850 dual
094C0M09		Motorola APX7000
094C0M10		Motorola TRBO, PMNN4066, PMNN4409, APX4000
094C0T01		Tait Orca 5010/5020/5030/5035/5040, TOPB200
094C0V01		Vertex FNB-V57, FNB-V83
094C0V02		Vertex FNB-V67
094C0V03		Vertex FNB-V95
094C0S01		Sepura SRP2000, SRP3000, SRP3500, SRH3800
094C0S02		Sepura STP8000, STP9000, STP9090