



**To: All Motorola Europe, Russia, Middle East & Africa Approved Channel Partners**

**Re: Announcing New MOTOTRBO Vehicular Charger**

This Vehicular Charger is used for charging a radio (or battery alone) when inside a vehicle. The charger senses the type of battery inserted and controls the rate of charge accordingly. A battery will be charged at a rapid rate until it is >90% charged and then it will trickle charge until the battery is at >95%. The charger will then switch to a maintenance mode to keep the battery fully charged.

The charger is also equipped with IMPRES™ battery communication capability, so can log charging events and data in the IMPRES battery, and also indicate when the IMPRES battery needs reconditioning / calibration\*.

The kit includes the charger, trunion mounting bracket and wire harness for connection to the vehicle's electrical system.

Contact your Account Manager or Customer Care team if you have any questions.



\* Reconditioning / calibration has to be performed in an IMPRES Desktop Charger (not the Vehicular Charger)



**MOTOROLA**

The NNTN7616 Tri-Chemistry Vehicular Charger is designed and approved to charge the following batteries for **MOTOTRBO** series portable radios:

PMNN4065	NiMH 1300mAh IP57 Battery
PMNN4066	Li-Ion 1500mAh IMPRES IP57 Battery
PMNN4069	Li-Ion 1400mAh IMPRES FM IP57 Battery
PMNN4077	Li-Ion 2150mAh IMPRES IP57 Battery

#### Vehicular Charger Specification

Input Voltage	11-16 Vdc (13.6V Nominal)
Maximum Charge Rate	1250mA +/- 15%
Rapid Charge Cycle	3 hours typical, depending on battery type, capacity and state of charge
Size	94 x 94 x 135 mm
Weight	0.9kg (approx)
Operating Temperature	+5°C to +45°C
Inline Fuses	AGC 2 Amp and AGC 0.25 Amp

#### Part Numbers and Pricing

Part No.	Description	List Price
NNTN7616A	CHR IMP VEH EXT NA/EU KIT	\$850