

KENWOOD



KVC-18 (NiCd/NiMH) KVC-20L (Li-ion/Li-Polymer)

D.C. Vehicular Charger

COMPATIBILITY

- TK-5210/5310/5410 Portables
- TK-5220/5320 Portables
- NX-200/300/210/410/411 Portables
- TK-2180/3180 Portables
- KVC-18: Charges NiCd & NiMH
- KVC-20L: Charges Li-ion & Li-Polymer

GENERAL FEATURES

- Heavy Duty D.C. Vehicle Charger
- Charge/Trickle/Repeat LED Indicators
- Vehicular Repeater On/Off Switch
- Vehicular Man-Out Output
- Spring-Tension Charge Well
- Portable Safety Strap
- KMC-25/26/40/41/42 Compatible
- Adjustable Mounting Bracket



Specifications

Models	KVC-18 (NiCd/NiMH)	KVC-20L (Li-ion/Li-Polymer)
GENERAL		
Portable Radio Compatibility	TK-5210/5310/5410 TK-5220/5320 NX-200/300/210/410/411 TK-2180/3180	
Rapid Charge Cycle & Usage	2.5 Hours (Typical)*	
Input Voltage	11.0 to 15.0 VDC Negative Ground 13.8 VDC Nominal, 1.0A Nominal	
Current Drain	35 mA in Standby Mode	
Current Charge Rate	1000 mA Rapid Charge (RED LED) 65 mA Trickle Charge (GREEN LED)	
Battery Chemistry	Ni-Cd NiMH	Li-ion Li-Polymer
Size	3.7"W x 3.7"H x 5.3"D (excluding protrusions)	
Weight	2 lbs.	
Operating Temperature	-30°C to +65°C (-2°F to +149°F)	
Charge Temperature	+15°C to +40°C (59°F to +104°F) Note: Per most manufacturer specifications, NiCd cells should not be charged at temperatures lower than +5°C and higher than +45°C.	
Accessory Connector Pin Outs (Pin numbers are molded into the accessory plug)	Pin 1: (RED) – A+ Battery Positive Pin 2: (WHITE) – Repeater Control Output (RPTR ON = active LOW (8 Ω nominal) Pin 3: N.C. Pin 4: Yellow Ignition Sense (or tie to A+) Pin 5: N.C. Pin 6: (BLACK) – Battery Negative or Chassis Negative Ground	
Fuse	Red A+ lead (2A) Yellow Ignition Sense (200 mA) KMC-25/41M/42MW (All models) KMC-26 (On TK-5210/5310 only) KMC-40 (On TK-2180/3180, NX-210K2 only)	
Speaker/Microphones	KMC-25/41M/42MW (All models) KMC-26 (On TK-5210/5310 only) KMC-40 (On TK-2180/3180, NX-210K2 only)	
Included Accessories	Instruction Sheet, D.C. power cable, adjustable mounting bracket, 2 hex-head bracket-to-charger well screws (hardware to secure the bracket to a vehicle surface is not included).	

* Depends on battery chemistry, capacity, initial charge & temperature

Specifications are subject to change without notice, due to advancements in technology.

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