

# T ECHNICAL INFORMATION



PRODUCT

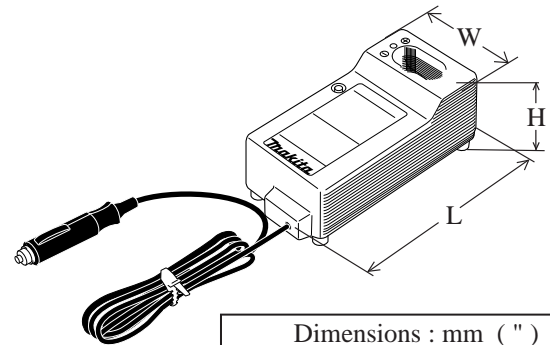
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**Model No.** ▶ DC1822

**Description** ▶ Automotive charger

## CONCEPT AND MAIN APPLICATIONS

Both Ni-Cd and Ni-MH batteries from 7.2V to 18V can be charged with DC1822 connected with the automobile's socket for cigarette lighter.



Dimensions : mm ( " )	
Length ( L )	201 (7-15/16)
Width ( W )	105 (4-1/8)
Height ( H )	78 (3-1/16)

## ▶ Specification

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
DC12	/	/	75	/	/
DC12 - 24	/	/	75	/	/

Output voltage : V	7.2	9.6	12	14.4	18
Output current : A	2.6				
Charging time : min.	for 1.3Ah Ni-Cd. battery	7.2 V - 14.4V Approx. 30		—	
	for 2.0Ah Ni-Cd. battery	7.2 V - 14.4V Approx. 45		18V Approx. 60	
	for 2.2Ah Ni-MH. battery	7.2 V - 14.4V Approx. 50		18V Approx. 65	
	for 2.6Ah Ni-MH. battery	7.2 V - 14.4V Approx. 60		18V Approx. 75	
	for 3.0Ah Ni-MH. battery	7.2 V - 14.4V Approx. 70		18V Approx. 90	
Cord length : m (ft)	2 (6.6)				
Net weight : kg (lbs)	0.48 (1.06)				

< Note > The above figures about charging time may differ from condition to condition on batteries' temperature or room temperature.

## ► Repair

In case of damaged fuse, they can be replaced with the fresh one in accordance with the following procedure.

### (1) How to find a broken fuse

- a. If the charging light flashes alternately in green and red approx. in one minute after starting of charge, fuse can be damaged.
- b. If the above phenomenon appears after forcing the battery to insert with wrong direction as illustrated in Fig. 1A, fuse can be damaged.
- c. If the fuse is in order nevertheless the above phenomenon, "a" is perceived, replace circuit board, because the cause of trouble can not be on the fuse.

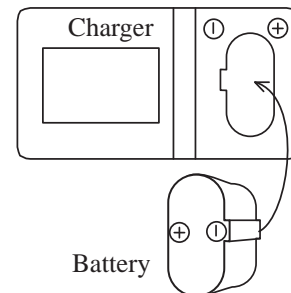


Fig. 1A

### (2) replacing the damaged fuse

1. Remove the fuse with soldering iron, form the circuit board.
2. Assemble the fresh fuse to the circuit board, with soldering iron.

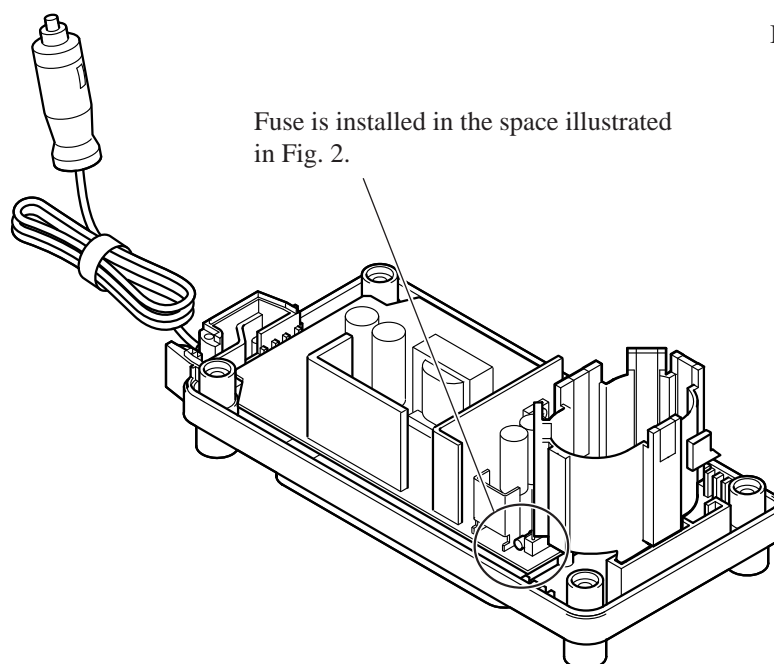


Fig. 2.