Charge Monitor

-- for battery cool-down control

The Charge Monitor uses a small microcomputer to sense a faint ac signal present on the charger's output cables during charge. The microcomputer keeps track of elapsed time and controls the status lights.

When the charger turns on, the red "Charging" LED lights.

When the charger turns off:

A. If the elapsed charge time was less than one hour, the green "Ready" LED lights.

B. If the elapsed charge time was more than one hour, the yellow "Cooling" LED lights for the number of hours (2,4,6 or 8) specified by the dip switch setting.

When the green "Ready" LED is lit, the specified hours have elapsed and the battery is ready for use.

Disconnecting the battery from the charger resets the Charge Monitor and turns the LEDs off.

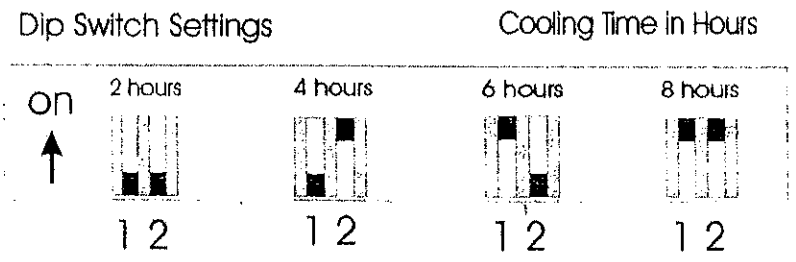
Installation:

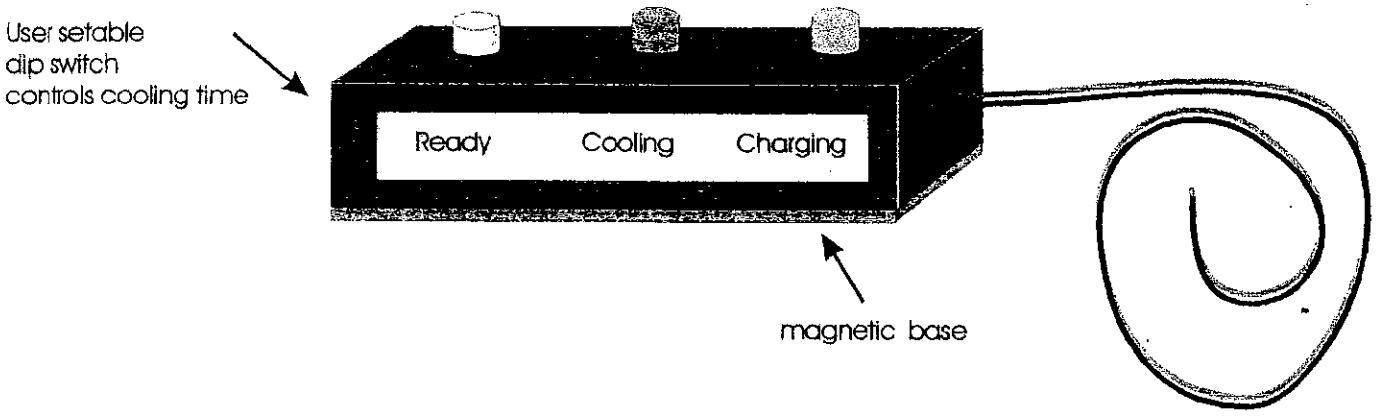
See instructions on the other side.

Specifications:

Case	black polycarbonate		Lamps	long-lasting LEDs	
Length	3-7/8 inches	9.9 cm.	Width	1-1/2 inches	3.8 cm.
Height	1 "	2.5 "	Weight	3 ounces	80 gms.

Warranty: Charge Monitors are warranted to be free of defects in workmanship and materials for a period of five (5) years. Warranty is limited to repair or replacement at Arrgh!!'s option.





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INSTALLATION

A. Set the dip switch to the desired setting (see diagram on other side).

B. Position the monitor on the charger or other metallic surface.

C. Connect the wires to the charger's output cables: the RED wire to positive, the BLACK wire to negative.

D. Connect a battery to the charger.

E. When the charger turns on, the RED Charging LED should light.

F. If the RED Charging LED does not light, adjust the potentiometer (located under the white, dip switch instruction label on the side of the monitor) to where the RED LED "just" comes on.

G. Turn the charger off. The GREEN Ready LED should light. If the RED LED stays on instead, adjust the potentiometer the other way.

H. When the charger is turned off after less than one hour of charge time, the GREEN Ready LED will light. After one hour of charge time, the time delay function will work – the YELLOW Cooling LED will light for the set time delay, after which the GREEN Ready LED will light.