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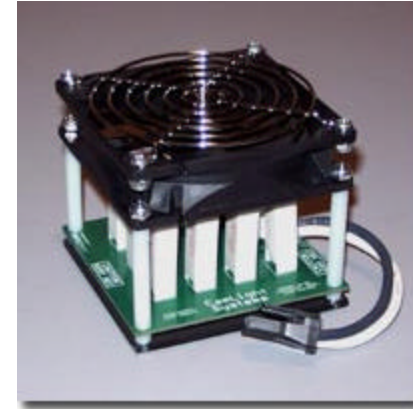
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# CamLight Systems Model LM-12V

4-10 cell (4.8V-12V) NiCd/NiMH or 2S-3S Lithium  
Battery Pack Load Module for  
CamLight's 2-Stage Dischargers



A CamLight Systems Load Module uses durable ceramic power-resistors to increase the Stage-1 discharge current level of our 2-Stage Pack Dischargers. It plugs directly into a connector on the discharger and is automatically controlled by the discharger.

The LM-12V is used with the PD-12V 2-Stage Discharger and 4-10 cell (NiCd/NiMH or 2-3 cell (2S-3S) Lithium packs.

All of CamLight's Load Modules have the following features:

- Cooling fan to increase the life of the power-resistors.
- Durable 14AWG silicone-insulated wire leads, wire-tied in place.
- Polarized connector for for easy hookup to the discharger.

### To use the LM-12V Load Module with a CamLight 2-Stage Discharger:

1. Align the LM-12's connector with the **LOAD MODULE** connector on the discharger and push it firmly into place. You should hear a small click as the release tab on top of the connector moves into place to lock the connector.
2. Use the discharger as detailed in its instructions sheet. To calculate the total Stage-1 discharge current level for your battery pack (when using both the discharger and the Load Module together), add the number listed in the table in the **Specifications** section to the discharge current setting you're using on the discharger.

### To disconnect the LM-12V Load Module from the discharger:

1. Press down on the rear of the tab on top of the Load Module connector to unlock the connection.
2. While holding down the tab, grasp the connector firmly and pull it away from the discharger. **Caution: Do not pull on the wires to separate the connectors!**

### Notes on using the LM-12V:

- The power resistors get very hot during use, over 200-degrees F. Wait a few minutes before storing your LM-12V to allow it to cool. **Caution: Do not touch the power resistors during a discharge!**
- **Never exceed 15V at the battery connections!**
- The fan's speed changes with the pack voltage. This is normal as less cooling is needed when discharging lower voltage packs.
- Don't bend the wire leads sharply when using or storing the discharger. Over time, this will weaken and break the copper strands of the wire.

### Specifications for the LM-12V:

- Add the following to the Stage-1 current level of our dischargers when discharging 4-10 cell NiCd/NiMH and 2S-3S Lithium battery packs:

# of Cells	Added Current
4 NiCd/NiMH	4.9A
6 NiCd/NiMH	7.0A
2S Lithium	7.2A
7 NiCd/NiMH	8.2A
8 NiCd/NiMH	9.2A
3S Lithium	10.8A
10 NiCd/NiMH	11.6A

- Maximum battery pack voltage = 15V
- Supplied with 14AWG silicone-insulated wire leads and a connector to mate with the on-board Load Module connector of CamLight's 2-Stage Dischargers.
- Size = 3.7"W x 3.7"D x 3.5"H, not including wire leads.
- Weight = 11 oz.

If you have any questions, check our web site at [www.camlight.com](http://www.camlight.com) or contact us at (212) 579-1901 (9am-9pm EST) or via e-mail at [info@camlight.com](mailto:info@camlight.com).