

# TECHNICAL DESCRIPTION

HIVOD power packs are lightweight, compact, rugged and maintenance-free. The power packs incorporate electrically-matched silicon cells, protected by glass and multiple layers of polymeric encapsulant, and sealed within an injection moulded, A.B.S. plastic casing. Each unit has conveniently located mounting holes for easy installation. They operate dependably at temperatures from -40° to 60° Centigrade.

The HIVOD will produce electricity from any light source. Natural sunlight at noon on a clear day provides the best results, but the units will work under an incandescent table lamp and are sensitive to most other forms of light.

The HIVOD will provide power to the host device (radio, portable computer, etc.) directly or in conjunction with Nickel-Cadmium and other rechargeable batteries. Once the host device is turned off, the HIVOD's power output will go directly to the battery. A blocking diode built into the HIVOD insures against back-discharge from the battery.

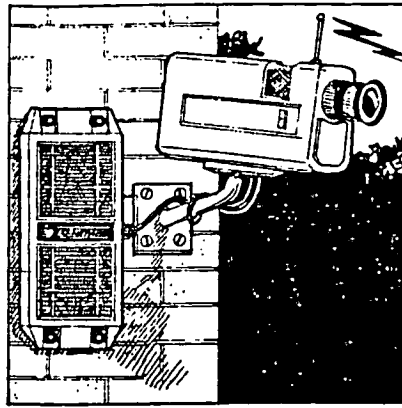
HIVOD power packs can be grouped together in series or parallel to deliver increased voltage or current to meet a variety of specialized applications.

- Saves money, never buy "throw-away" type alkaline batteries again!
- Has no moving parts, quiet solid state operation!
- Available in standard 3, 6, 9 and 12 Volt units! Custom voltage and current ratings also available!
- Safe operation, no dangerous voltages!
- Self-regulating, won't overcharge batteries!
- Convenient, portable size 5" x 12" x 3/4"! (13mm x 30.5mm x 19mm)
- Attractively packaged!
- Light weight, less than 1 lb (1/2 kilogram)!
- Environmental, designed for year round outdoor use!
- Easy installation — simple to use!
- One piece moulded plastic "plug in" connector!
- Unlimited applications, power for portable radios, walkie talkies, electric fences, surveying equipment, boats, toys, electronic games and... much more!

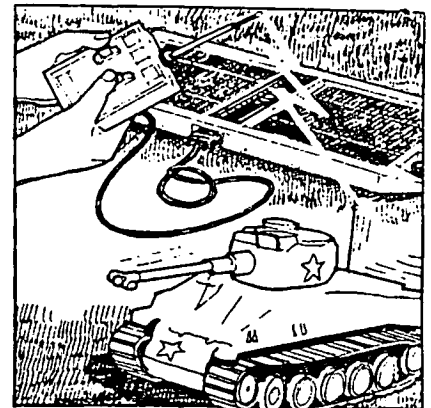
## WARRANTY

HIVOD products are warrantied for 1 year against manufacturing defects. Bestek reserves the right to examine all claims.

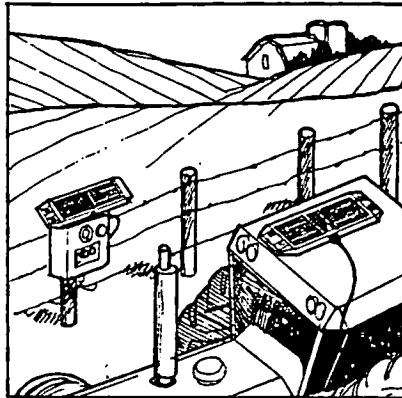
Bestek will not be responsible for damage to equipment due to improper connection of HIVOD devices.



REMOTE OPERATION



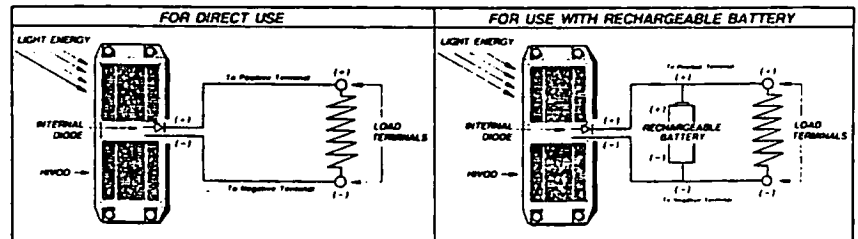
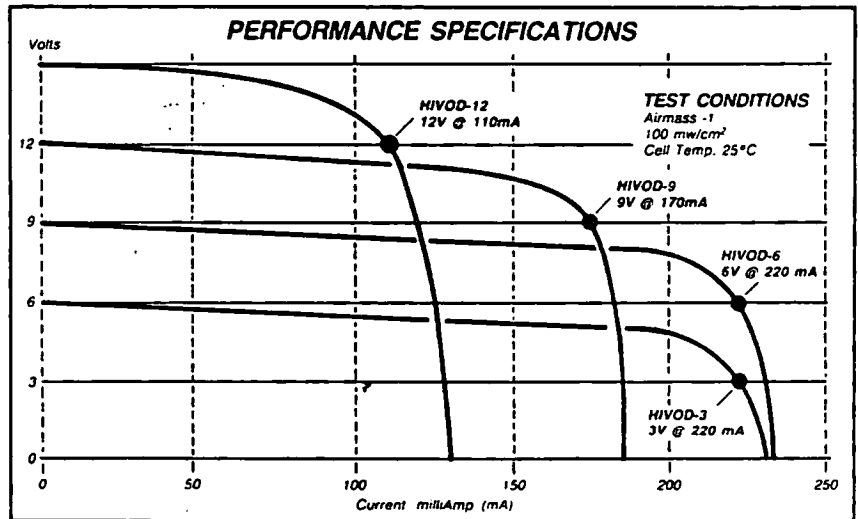
RADIO-CONTROLLED TOYS



AGRICULTURAL USES



POWER FOR MUSIC



**BESTEK**

Micro Devices & Systems Inc.

Suite 207, Southvale Crescent

2660 Southvale Crescent

Ottawa, Ontario K1B 4W5

(613) 523-5211/523-7677

TLX: 053-4794

**BESTEK**

Micro Devices & Systems

21-2485 Lancaster Road

Ottawa, Ontario K1B 5L1