

Charging Technology

Important Facts about Ni-MH Battery Charging System

Panasonic brings a long history and vast experience of inverter charger technology to its Ni-MH battery charging system. While developing this technology, Panasonic's aim was to achieve two goals:

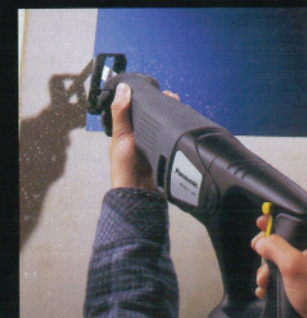
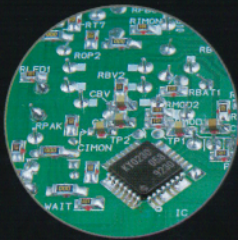
**Minimize charging time for Ni-MH 3.5Ah high capacity battery pack.
Maximize protection for the battery pack, thus, insuring long battery life.**

1. Four times more temperature sensitive than previous Ni-Cd only system
→ No damage due to sudden temperature increase



2. Cools Ni-MH Battery Pack while quick charging
Panasonic Ni-MH Battery has open slit on the battery pack for emission of heat.

3. Two way charging program-Double capacity CPU
→ Charging System For Ni-Cd & Ni-MH

4. Inverter technology of charger
→ High power output of charger

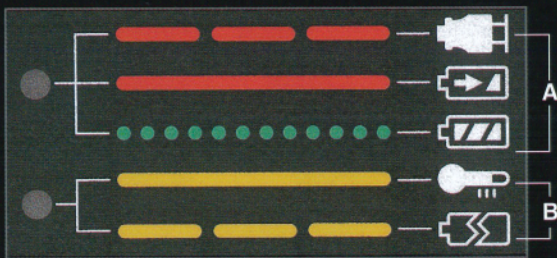


Longer Life Battery Pack (1,200 charge/discharge cycles)




The Ni-MH battery pack (3.5Ah  pack) has a similar life cycle to the Ni-Cd battery pack (2Ah  pack) in actual usage.

Self Diagnostic Universal Inverter Charger



- The charging unit accepts 7.2V to 24V compatible Panasonic Ni-MH & Ni-Cd battery packs.
- For the amperage, it accepts up to 3.5 Ah battery pack.
- Equipped with a lamp system that indicates the status of the 6 charging functions at a glance.



A: Charging Lamp

-  Ready to charge
-  Charging
-  Charging completed

B: Standby Lamp

-  Standby
Battery is too hot to be charged.
Charging will begin when temperature of battery pack drops.
-  Charging not possible
Clogged with dust, or malfunction of the battery pack.

Emergency charging function

Our inverter charger features an "Emergency Charge". After charging the battery for only five minutes, the battery pack is charged to 15% of its capacity.