

iCHARGE™ i70 six-bay charger



Charge NiCd, NiMH or Li Ion batteries with no memory effects!

Wandsworth Parks Police – PC124 Cullen (Comms Officer)

“We evaluated the ACT Charger/conditioner and I have to say WOW. I’m very impressed particularly with the speed of charging – also the noticeable difference with some batteries which we nearly threw away before we re-activated them, some were beyond help but other have been given a new lease of life”.



An absolute for your Ni-Cd, Ni-MH or Li-Ion batteries. If your two-way batteries compromise your radio communications or tie up manpower with complicated maintenance programs, it is time to rid of your battery headaches. The iCHARGE i70 offers the fastest conditioning charge available. Additionally, iCHARGE features precise termination with no trickle charge. Police and Fire Departments, Federal and State agencies and every branch of the US Military use the iCHARGE system.

ACT’s iCHARGE i70 is the most intelligent battery charging/conditioning solution available. The entire iCHARGE line comes with our patented Dynamic Electrochemical Waveform (DEW) technology.

The CURE for your battery headaches.

- Fastest possible charge times (Ni-Cd in 15 - 40 minutes)
- Elimination of memory effect
- Conditions batteries during charge
- No user discipline required
- Ability to charge batteries for different handsets
- Rugged Construction
- Interchangeable adaptors
- Precise termination of charge
- For Ni-Cd, NiMH and Li-Ion batteries
- Patented DEW™ Technology
- Optional analyser accessory with intelligent capacity gauge

Technical Data:

AC Input	115/230VAC 50/60Hz
DC input via supplied PSU	19VDC - AC Adaptor supplied
Operating temperature	0 - 40 C
Humidity	95% non-condensing
Max Charge	2.4A
Max Depolarisation Current	12A
Battery Range	4 - 10 cell Ni-Cd 4 - 10 cell Ni-MH 1 - 3 cell Li-Ion
Charge Time	Ni-Cd typically 30 mins/AH Ni-MH typically 60 mins/AH Li-Ion typically 100 mins/AH
Construction	Welded aluminium
Unit weight	5.44kg
Boxed weight	7.7kg
Approvals	UL, CE, CSA

Why single chemistry adaptors?

Although the iCHARGE units are tri-chemistry, ACT have found that to achieve the fastest and best charge for a specific battery, it's imperative to know exactly what battery chemistry you are charging. Most batteries do not provide this information electronically, so it's important to use single chemistry adaptors to ensure the full benefits are achieved.

Why do you need to take the battery off the radio?

Part of the patented DEW™ method used by ACT chargers actually measures and removes energy from the battery as it charges it. The measurement is critical to continuously adapt the charging profile and hence ensure the best possible battery charge. The only real way this can be achieved is from the battery's radio contacts – not the traditional rear or bottom mounted charger contacts.

What adaptors are available for the ACT charging solution?

Please see www.wireless2way.com.au for a list of the key ACT iCHARGE adaptors. If you don't see a required adaptor on the list, please contact us to check on availability.



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