

iCHARGE™ i75

six-bay charger with Maintainor function



The Charger for emergency responders!

Lancashire Police – Derek Wignall (Radio Comms Department)

“We carried out a detail evaluation of the ACT charger. We found that it exceeded the company’s claims. The ACT Charger/conditioner proved very useful in preparing the high number of batteries required to Police the recently held Conservative Party Conference at Blackpool. The speed with which it formed new batteries <2 hours and the very fast charge time of approximately 30 minutes to 100% charge meant we significantly reduced the preparation time.



The iCHARGER i75 has all the benefits of the iCHARGE system with the added bonus of the patented Maintainor features. This is the perfect charger for any Emergency Response Team, requiring fully charged batteries stored for days, weeks or even months – but ready at a moments notice.

After charging completely, batteries that are left on the unit are individually discharged and recharged, one at a time every two weeks. Each bay is fully exercised, which keeps batteries in an optimal state and ready for your next critical assignment – after all, Emergency Responders don’t get a second chance

ACT’s iCHARGE i75s 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.

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

- 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
- Ideal for emergency planners and infrequent users

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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