

iCHARGE™ i35

single bay vehicle charger



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

Firefighter

"I ordered extra adaptor to go with my in-vehicle iCHARGE and most of the emergency workers in our region knew it. Whenever we respond to a situation with other units everyone comes to us to recharge their batteries because the iCHARGE is so much quicker and easy to use"



- Fastest possible charge times (Ni-Cd in 45 - 90 minutes)
- Elimination of memory effect
- Conditions batteries during charge
- No user discipline required
- Interchangeable adaptors
- Precise termination of charge
- For Ni-Cd, NiMH and Li-Ion batteries up to 7.2V
- Mounting kit supplied
- Patented DEW™ Technology
- Operates from 12v DC, 24V DC or 28V DC

The iCHARGE i35 in-vehicle charger by ACT operates on 12 and 24 volts DC and is ideal for emergency response vehicles and mobile communications units. Now you have on site the same great benefits as the desk-top iCHARGE system, including fastest available charge, proprietary maintenance mode and interchangeable adaptors.

The iCHARGE i35 can be hard wired into the electronics of any vehicle for fast, reliable battery charging that return your two-way radios to service quickly. The slimmed-down design mounts easily in most vehicles and the unit comes complete with a mounting bracket and wiring hardware

Great for quick, on-site recharge at emergencies, clean-up details and special events, the iCHARGE i35 proprietary maintenance mode means your battery is ready when you need it. The iCHARGE i35 supports all ACT adaptors for 7.2V two-way radio batteries.

Technical Data:

AC Input	10 -30Vdc in line cabling as standard (cigar lighter optional)
Operating temperature	0 - 40 C
Humidity	95% non-condensing
i35VC Charge Time	45 - 09 minutes for Ni-Cd and Ni-MH
Unit weight	0.43kg
Boxed weight	0.8kg
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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