

# Lumedyne News Flash

PHOTO EDITION

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## Smaller, Lighter, Smarter, Faster, Stronger... The Hyper Chargers have arrived!

March of 2010, Lumedyne introduces two new Chargers to compliment their international range of modernized Chargers for all sizes of Lumedyne Batteries. **The Hyper Charge rate is twice as fast as the Quick rate** and it runs at the same extremely fast rate for one or more Batteries where the older multi Chargers slowed down with more Batteries. One or more Medium Batteries now get completely charged in just 2 hours. **The most exciting new feature is the seven light battery gauge!** It shows the charge level of a Lumedyne Battery and helps prevent unhappy surprises on the job.



CH2U Dual Hyper Charger w/ Battery Gauge - USA Cord

Click the image for a high resolution file of the image for your own marketing or closer examination.



CH4U Quad Hyper Charger w/ Battery Gauge - USA Cord

- Ж – Charge one or more at the same Hyper fast speed
- Ж – Battery Gauge for Batteries on or off of the Charger
- Ж – Much smaller and lighter than previous Chargers
- Ж – Individual Battery health indicators

- Ж – Healthier for the Batteries' longevity
- Ж – Automatically International – uses standard AC cord
- Ж – Full two year warranty
- Ж – Energy saving UL/CE style power supplies inside

**The best new feature of the Hyper Chargers is the built in Battery Gauge** that shows the level of charge in the Battery that is connected to the meter's six pin test plug. Not only can you confirm the charge level of the Batteries, but watching a Battery's charge level while charging or after charging will indicate a weak Battery long before it becomes a problem. This combination of the Battery Gauge and the individual failure indicators gives the user an unprecedented amount of battery maintenance information. This avoids being caught with a charged up (but low performance) Battery while on location.

Both Hyper Chargers are the same size at 3x3x6.75 inches (7.6x7.6x17.2 cm). The Dual Hyper Charger, CH2U weighs only 0.85 lbs (0.39 kg) compared to the old CQ2Z which was 2.6 lbs. The Quad Hyper Charger, CH4U is only 1.1 lbs (0.5 kg) compared to the previous CT4Z at 3 lbs. One interchangeable standard AC power supply cord of about 6 feet (2 meters) long is included with the Charger and the country of compatibility is identified with the last letter of the Catalog number. For example "U" is the USA style cable in a CH2U.

In addition to using energy saving UL/CE style power supplies inside which work at any voltage, **the Hyper Chargers are self protected from damage** due to power line issues or from bad Batteries being attempted to be charged. There is also an indicator next to each charge jack that indicates a bad Battery or charging problem. This assures that the Charger will perform flawlessly for many years.

The retail list price of the Dual Hyper Charger CH2U is \$249, and is \$349 for the CH4U Quad Hyper Charger.

**As of 2010, Lumedyne will only offer these new international Hyper Chargers. The existing Chargers, CQ2Z and CT4Z, and their export versions are immediately obsolete and delisted.** These new Hyper Chargers both operate much faster than previous models and use modern technology to actually be healthier for the battery cells. The PEPI in every Battery built or updated since 2003 will turn on the green light and stop charging, that's all Batteries s/n 149300 or higher. Contact Lumedyne for more details regarding older Batteries because the "Hyper Compatibility" modification to the older Batteries is not expensive, but is needed for safe operation together.

## Another new Charger you should know about...

### NEW VEHICLE CHARGER



**This is the new CH2V Vehicle Hyper Charger & Power Interface.** It replaces the CQ2V Vehicle Quick Charger & Interface making it obsolete. **It has a seven light battery gauge to check the charge level of any Lumedyne Battery.** Using similar new Hyper technology, this extremely fast new Vehicle Charger offers the ability to charge one or two Lumedyne Batteries and/or to power a Lumedyne Power Pack directly from your car, boat or RV. It has a 20 foot cable and a "cigarette lighter style" DC plug.

The CH2V is only 1.1 pounds (0.5 kg) where half of the weight is the long power cable and it's only 3x1.4x6.75 inches (7.6x3.5x17.2 cm). This is twice as fast and less than a third of the size and weight of the previous version. Plus, it has the Battery health indicator to warn you of using a bad Battery.

The CH2V provides the Hyper fast charging rate and can be split (slowed down) by charging two batteries at once. A Medium Battery gets a full charge in just 2 hours. The PEPI in every Battery built or updated since 2003 will turn on the green light and stop charging, so these are fully compatible with all Batteries s/n 149300 or higher. Older Batteries can be modified.

The list price of the CH2V Vehicle Hyper Charger & Power Interface is \$195.

### OLD BATTERIES - Warning...

**For the very few remaining extremely old Batteries, these are Batteries with a serial number lower than 149300,** we will keep a small reserve of CT1U Chargers available for special order only, but they will no longer be listed as an active product when our website and catalog are updated for 2010. (That's soon...) **However, we do update the Batteries' electronics to modern standards** when they come in for repairs since 2003 allowing the use of the modern Hyper speed Chargers. This is not expensive but is required for safe operation of Pre 2003 Batteries and Hyper Chargers.

We currently have NONE of the older Single Quick Chargers (like the CQ1U or CQ1E) available. They were the most popular since they were included in our LumeKits.

**The only small individual charger now available is the new CQ1Z International Single Quick Charger which has been recently reduced in price from the original price to a current list price of \$50.** The CQ1Z is the only one that includes all four major international AC plug styles that are easily interchangeable. The CQ1Z is very fast (Hyper Speed) and international and is suitable for all Lumedyne Batteries and Cyclers built or updated since 2003.

The CQ2Z Quick/Trickle Charger also sold as the CQ2E or CQ2K (old #017 series) is no longer available at all. It is completely replaced by the international CH2U for the USA. The CT4Z 4 Station Trickle Charger also sold as the CT4E or CT4K (old #011 series) is no longer available at all. It is completely replaced by the international CH4U for the USA. If you find these existing models still in stock at a dealer and are not interested in the new Chargers' features, then you should buy the older less expensive Chargers before they sell out.

This means that the only existing Charger that will remain in our line for now is the CU1Z Ultra Automatic Charger and the export versions. The Ultra Chargers are still the only Chargers with voltage detection and that automatically refresh the Battery daily (or up to 4 with the CU4A added). We are working on a new technology smart charger, so get some of the existing Ultra Chargers before they too are soon replaced with fancier but more expensive versions.



[CQ1Z International Single Quick Charger](#)