

Connect with an RC battery winner

Ryan Thoman

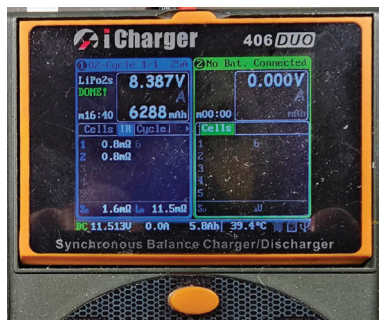
Superior Matching Concepts, or more commonly known as, SMC Racing, has been manufacturing battery packs for almost a quarter of a century.

If your shop has a race track or supports RC racing of any kind, you likely have had customers asking for SMC packs. SMC race packs have an excellent reputation, but even if your shop does not offer a race program, their new HCL-HP or High Cycle Life High Performance batteries will be a great addition to your lineup.

The HCL-HP batteries are built to fit in many popular RTR RC vehicles as well as boats. The packs are constructed with five G10 fiberglass plates to protect the cells from bashing and other extreme conditions. The outer wrap is Polyolefin, which is more resilient than some PVC-style shrink wraps. SMC also uses LCO (lithium cobalt oxide - LiCoO₂) material for their cathodes, allowing the packs to hold more voltage under load. You can be



sure you are getting one of the freshest packs available as the date of manufacture and cell voltage are recorded,



and all packs are tested at their Virginia facility before being shipped. They are available to order with the connector of your choice, including Traxxas, T-style (Dean's), XT60, XT90, EC3, SC5 (IC5/EC5), and QS8.

We have been testing an HCL-HP 6500mAh 2S 7.4V 150C LiPo (Part #65150-2S1P) for a few weeks now, and the battery has been performing well in all scenarios. We tested the Internal Resistance using an iCharger and found that the IR was under 1 ohm, coming in at .8 ohm.

The White Rose Hobbies racing team also used the pack, and we got our SR10 Street Stock car on the podium.

To learn more about how SMC differs from other batteries on the market, you can check out how they use Performance Factor Ratings to give more accurate ratings than going by a C rating alone and additional technical information at smc-racing.com. **HM**

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