

After discharging the 24v series/parallel Firefly pack to 38% SoC last August I left the batteries disconnected all winter over (over 8 months). When I got here I did a normal recharge with the 4 batteries in 24v series/parallel mode. I held the absorption voltage overnight (i.e. no specialized voltage/current; just an extended timer on the absorption for a mild overcharge without equalization voltages), ran the batteries in boat use for several hours with a float charge, then did a C20 capacity test. I got right at 110 Ah per block at the C20 rate, so this looks really good. I recharged with a voltage limit of 28.8v (14.4v/block) and a current limit of 0.25C. The 4 batteries maintained an amazingly consistent voltage on discharge and recharge. All-in-all, this is very positive.

Nigel