



## Which battery version of the C12 cordless drill should I buy?

The revolutionary C12 cordless drill with its brushless EC-Tec motor offers the best weight to power ratio in the market. Increasing the amp-hour (Ah) value of the battery does not increase power, only the run time.

Each C12 cordless drill comes with two batteries, LC 45 smart charger, Systainer case size 1, ½" and Centrotec chucks. For best value and versatility, the C12 is also available as a set for each battery version, with both the right angle and eccentric chucks.

Following battery versions are available for the C12 cordless drill:

### **1) #564178, #PC1213S (set) > C12 Nickel Cadmium (NiCd) 1.3 amp-hour (Ah)**

This battery is the smallest and lightest option. The drill with battery weighs 3 lbs. 6.8 oz. The re-charge time of 25 minutes is the fastest one of all the available batteries. The trade off compared to the other available batteries is, that it offers the lowest run time with about 240 screws per charge and the shortest life span, as the battery life depends on charging cycles.

### **2) #564179, #PC1224S (set) > C12 Nickel Cadmium (NiCd) 2.4 amp-hour (Ah)**

This battery increases the runtime of the drill to about 450 screws per charge. Due to the higher capacity, this battery offers a considerably longer life span compared to the 1.3Ah battery. However, there is a trade off with this set up. You will increase the overall height of the drill by ¾", spend more time on the charger (50 minutes), and you will gain almost half a pound of weight as the drill with battery weighs 3 lbs. 13.4 oz.

### **3) #564180, #PC1230S (set) > C12 Nickel Metal Hydride (NiMH) 3.0 amp-hour (Ah)**

This battery will provide the longest runtime per charge at about 560 screws, which is advantageous when working in the field where there is not convenient access to power. It is more environmentally friendly compared to the other two Nickel Cadmium batteries. As Nickel Metal Hydride batteries are only good for considerably less charging cycles compared to Nickel Cadmium batteries, the life span of this battery will be somewhere in between the 1.3Ah and 2.4Ah batteries. The trade off is that you increase your charge time to over 70 minutes, which is 45 minutes longer than with the 1.3Ah battery and 20 minutes longer than with the 2.4Ah battery. This battery has the same height and weight as the 2.4Ah battery.