

## 'C' RATING EXPLAINED

We use the designation 10C etc to mean how much a cell or pack can discharge in amps.

C always equals the capacity of a cell or pack.

For example let use a 3100mah pack rated for 12C.

In this case C=3100mah. The number before the "C" is the multiplier, so  $12 \times 3100 = 37200\text{mah}$ . To get amps we simply divide by 1000.

Therefore:  $37200/1000 = 37.2$  amps.  $1000\text{mah} = 1\text{amp}$ .

So for the above pack rated @ 12c we now know the maximum discharge rating is 37.2 amps.

Another example:

A 20C 1800mah 3S pack. What is its max rating?

$20 \times 1800 = 36000$ .  $36000\text{mah} = 36000/1000 = 36\text{amps}$ .

So the 1800 3s pack @ 20c has a max rating of 36amps.

So whenever you see a C rating take the number before the letter "C" and multiply the packs capacity by it.

That is it!

To get amps from your new number simply divide it by 1000mah.