

# AURORA EcoCALC

Multi Function Calculator  
12-Digit  
EC505 / EC707

## Solar Only Power

This calculator is battery free and uses solar power only. Please use the calculator in good lighting conditions. If the light source is not sufficient the display will fade.

## Auto Power Off

If the calculator is not used for a period of 5-12 minutes, the unit will automatically switch off.

## Turning On

Please press the "ON/AC" key first to turn the calculator on & clear all previous entries.

## Key Function:

OFF ..... Turns the calculator off

C/CE ..... Clear entry

ON/AC ..... Turns the calculator on, and clear all entries and memory

+ ..... Addition Key

- ..... Subtraction Key

÷ ..... Division Key

× ..... Multiplication Key

= ..... Equal Key

0-9/00 ..... Number Key

. ..... Decimal Key

+/- ..... Symbol Key

→ ..... Backspace Key

M+/M-/MRC ..... Memory Operation Key

COST ..... Function Key "Cost"

SELL ..... Function Key "SELL"

MARGIN ..... Function key "MARGIN"

## Calculation Examples:

### Basic calculation

Example	Operation	Display
23+203-56=	23+203-56=	170.
562×(38-96)=	38-96×562=	-32596.
(23×6+78)÷2.3-89=	23×6+78÷2.3-89=	4.9130434782
1234567×9876543=	1234567×9876543=	12.1932540618
	C/CE	12.1932540618
	C/CE or ON/AC	0.

### Constant calculation

Example	Operation	Display
2+3=5	2+3=	5.
4+3=7	4=	7.
2-3=-1	2-3=	-1.
4-3=1	4=	1.
2×3=6	2×3=	6.
2×4=8	4=	8.
2÷4=0.5	2÷4=	0.5
3÷4=0.75	3=	0.75

### Memory calculation

Example	Operation	Display
2×3=6	2×3M+	MEMORY 6.
-) 3×4=12	3×4M-	MEMORY 12.
+ ) 4×5=20	4×5M+	MEMORY 20.
14	MRC	MEMORY 14.
	MRC	14.

### COST, SELL, MARGIN Function

To find the cost price if the sell price = 200 and the margin is 6%

Example	Operation	Display
Sell = 200 Margin = 6% Cost = ?	200 [SELL] 6 [MARGIN]	COST 188.

To find the margin if the cost is 60 and the sell price is 100

Example	Operation	Display
Cost=60 Sell =100 Margin = ?	60 [COST] 100 [SELL]	MARGIN% 40.

To find the sell price if cost price = 200 and the margin is 10%

Example	Operation	Display
Cost = 200 Margin = 10% Sell = ?	200 [COST] 10 [MARGIN]	SELL 222.22222222

### Decimal Selector & Rounding Operation

Example	Decimal	Round	Operation	Display
			C/CE	0.
5+3 = 1.66666666666	F	5/4	5+3 =	1.66666666666
5+3 = 1.66	2	↓	5+3 =	1.66
5+3 = 1.67	2	5/4	5+3 =	1.67
5+3 = 1.67	2	↑	5+3 =	1.67
4+3 = 1.33333333333	F	5/4	4+3 =	1.33333333333
4+3 = 1.3333	4	↓	4+3 =	1.3333
4+3 = 1.3333	4	5/4	4+3 =	1.3333
4+3 = 1.3334	4	↑	4+3 =	1.3334
2 + 3 = 0.05	A	↓	2+3 =	0.05
5 - 3 = 0.02	A	↓	5-3 =	0.02
5+3 = 1.66	A	↓	5+3 =	1.66
5+3 = 1.67	A	5/4	5+3 =	1.67
4+3 = 1.34	A	↑	4+3 =	1.34
2×3 = 6.00	A	↑	2×3 =	6.00