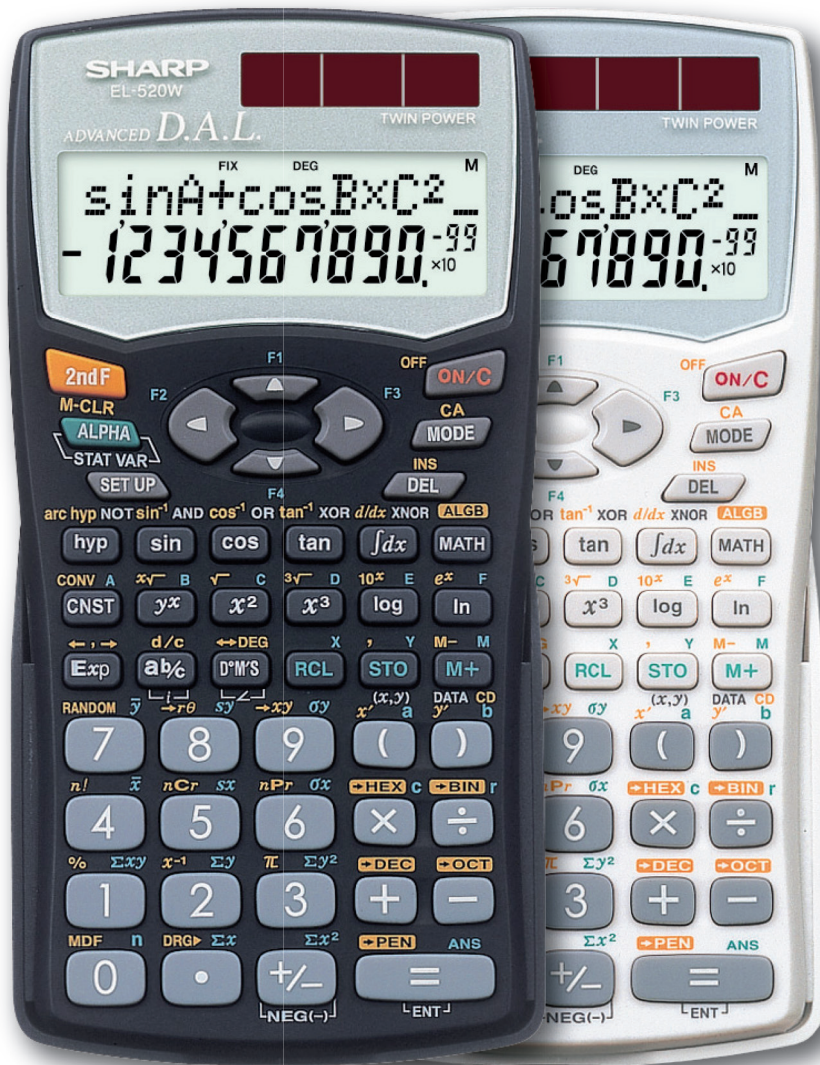


# EL-520W

# SHARP



## GENERAL

- ▶ DIRECT ALGEBRAIC LOGIC (D.A.L.)
- ▶ LARGE 12-DIGIT, 2-LINE LCD DISPLAY
- ▶ 419 FUNCTIONS
- ▶ TWIN POWER (battery & solar)
- ▶ INDEPENDENT CURSOR KEYS
- ▶ 9 MEMORIES

## OTHERS

- ▶ Battery (\*Back-up Usage): \*LR44 x 2
- ▶ Dimensions (mm): 80 x 155 x 13
- ▶ Weight (g): 97
- ▶ Color variants: Black / White



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## BASIC FUNCTIONS

- ▶ D.A.L.-entering: ✓
- ▶ FSE display: Float, FIX, SCI, ENG: ✓
- ▶ Memories: 9
- ▶ +, -, ×, ÷, %, STO, RCL / M+, M-: ✓
- ▶ Max. operations at the same time (calc. / numeric): 16 / 8
- ▶ CA function: ✓
- ▶ Last digit correction: ✓
- ▶ Last answer memory: ✓

## CALCULATIONS

- ▶ Simulation calculation (ALGB): ✓
- ▶ Constant/chain calculations: ✓
- ▶ Metric conversions: 44
- ▶ Physical constants: 52

## NUMBER SYSTEMS

- ▶ Calculations: dec, bin, oct, hex, pen: ✓
- ▶ Conversions: dec, bin, oct, hex, pen: ✓
- ▶ Logic operations (AND, OR, NOT, NEG, XOR): ✓

## SCIENTIFIC FUNCTIONS

- ▶ MDF: ✓
- ▶ Pi, +/-, EXP, X2,  $\sqrt{\quad}$ ,  $\sqrt[3]{\quad}$ ,  $\times\sqrt{\quad}$ , XY,  $X^{-1}$  ln, log, ex, 10x: ✓
- ▶ sin, cos, tan, sin<sup>-1</sup>, cos<sup>-1</sup>, tan<sup>-1</sup>: ✓
- ▶ sinh, cosh, tanh, sinh<sup>-1</sup>, cosh<sup>-1</sup>, tanh<sup>-1</sup>: ✓
- ▶ Factorial (n!), permutations (nPr), combinations (nCr): ✓
- ▶ Random numbers: ✓
- ▶ Fraction calculation, conversion fraction/decimal: ✓
- ▶ Rectangular and polar: ✓
- ▶ DMS (conversion: dec ↔ sexagesimal - min/sec.): ✓
- ▶ DEG (angular dimension: deg, rad, grad): ✓
- ▶ DEG (conversion: Deg ↔ Rad ↔ Grad): ✓
- ▶ Complex numbers: ✓
- ▶ Linear equations systems with 3 variables: ✓
- ▶ Differentiation, numeric: ✓
- ▶ Integration, numeric: ✓
- ▶ Formular-memory (F1 - F4): 4

## STATISTIC FUNCTIONS

- ▶ Statistic functions with x, y: 1 / 2
- ▶ Normal distribution: ✓
- ▶ Standard deviation / totals formation: ✓
- ▶ Mean value: ✓
- ▶ Linear and other regressions: 6