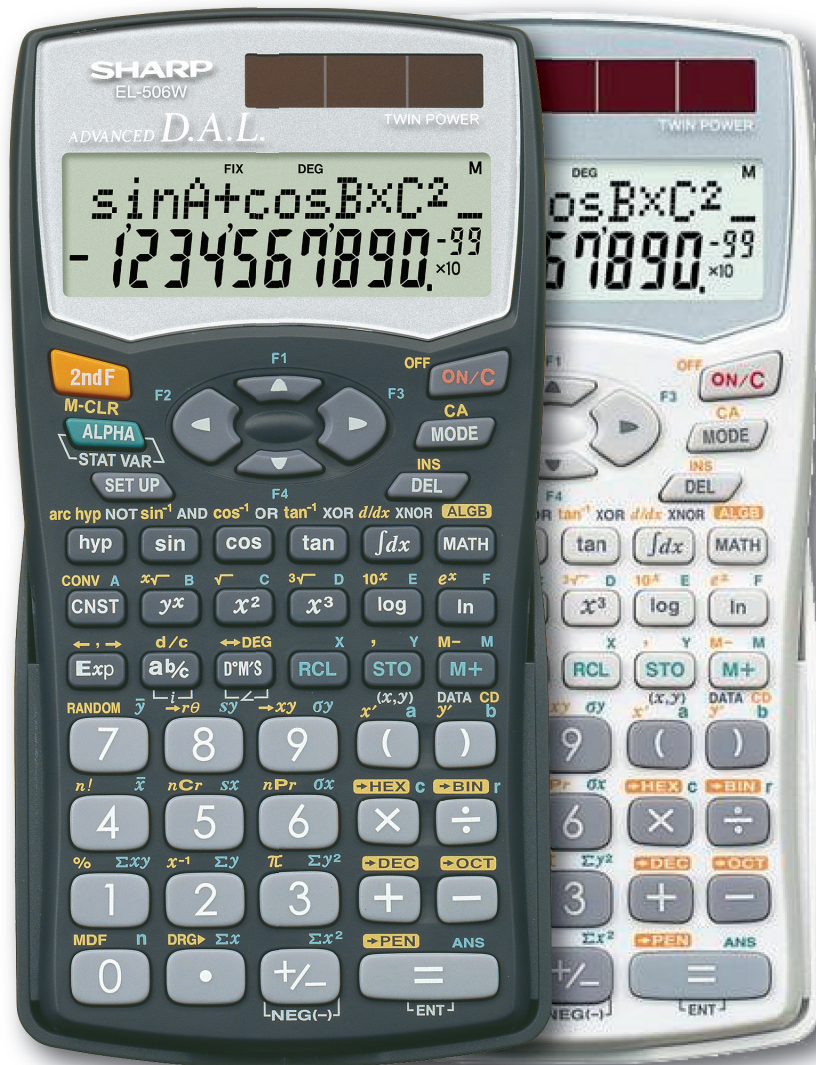# EL-506W

SHARP

GENERAL

- ▶ DIRECT ALGEBRAIC LOGIC (D.A.L.)
- ▶ LARGE 2-LINE LCD DISPLAY
- ▶ 469 FUNCTIONS
- ▶ TWIN POWER (battery & solar)
- ▶ INDEPENDENT CURSOR KEYS
- ▶ MULTILINE PLAYBACK (jump to top or end of equation)
- ▶ 9 MEMORIES

OTHERS

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

EL-506W

SHARP

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): 24 / 10
- ▶ 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 ,$\sqrt{}$,$\sqrt[3]{}$, ×$\sqrt{}$, XY , X^{-1} ln, log, ex ,10x: ✓
- ▶ sin, cos, tan, sin-1, cos-1, tan-1: ✓
- ▶ sinh, cosh, tanh, sinh-1, cosh-1, tanh-1: ✓
- ▶ Factorial (n!), permutations (nPr), combinatons (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 equationsystems with 3 variables: ✓
- ▶ Differentiation, numeric: ✓
- ▶ Integration, numeric: ✓
- ▶ Formular-memory (F1 - F4): 4
- ▶ Matrix / Solver (Newton) / List Calculations: ✓ / ✓ / ✓

STATISTIC FUNCTIONS

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