
Greek and Special Symbols

If the Show Subscripts and Greek Symbols option in the [Preferences](#) dialog is selected, then EES variables having Greek alphabet names will be displayed as Greek symbols. If the variable name consists entirely of capital letters and if the upper case Greek symbol differs from the Arabic letter, then the upper case Greek symbol will be displayed; otherwise the lower case Greek symbol will be displayed. The table below indicates the conversion.

EES Variable Name	Upper Case Symbol	Lower Case Symbol
ALPHA	α	α
BETA	β	β
CHI	χ	χ
DELTA	Δ	δ
EPSILON	ε	ε
PHI	Φ	φ
Gamma	Γ	γ
ETA	η	η
IOTA	ι	ι
JTHETA	ϑ	φ
KAPPA	κ	κ
LAMBDA	Λ	λ
MU	μ	μ
NU	ν	ν
THETA	Θ	θ
RHO	ρ	ρ
SIGMA	Σ	σ
TAU	τ	τ
UPSILON	υ	υ
OMEGA	Ω	ω
XI	Ξ	ξ
PSI	Ψ	ψ
ZETA	Ζ	ζ

Special Symbols

(to enter these symbols, hold the Alt key down and enter the three digits on the numeric keypad with NumLock engaged)

Alt-230 (this symbol can be used to enter micrometers, i.e., μm)

Alt-241

Alt-246

Alt-248

Alt-250 (this character can be used in place of the hyphen (minus sign) as a separator being units, e.g., W/m²K)

Note the units containing symbols such as μ or μ can also be copied from the [Unit Conversion dialog](#).

Formatting Additions to Enhance Variable Display

X₁ will display as X with a subscript 1

X_{infinity} will display as X with subscript ∞

X_{bar} will display with a bar centered above the X

X_{dot} will display with a dot centered above the X

X_{ddot} will display with a double-dot centered above the X

X_{hat} will display with a hat (^) centered above the X

X_{tilde} will display with a tilde (~) centered above the X

X^{|minus} will display as X superscript -

X^o will display as X superscript o

X|plus will display as X superscript+

X|star will display as X*

X_prime will display as X'

X_dprime will display as X''

X_tprime will display as X'''

gamma|infinity_0 will display a lower case Greek gamma character with superscript ∞ and subscript 0

<u>X o</u>	X^0
<u>X_1</u>	X_1
<u>X_bar</u>	\bar{X}
<u>X_dot</u>	\dot{X}
<u>X_ddot</u>	\ddot{X}
<u>X_hat</u>	\hat{X}
<u>X minus</u>	X^-
<u>X plus</u>	X^+
<u>X star</u>	X^*
<u>X_tilde</u>	\tilde{X}
<u>X_infinity</u>	X_∞
<u>X infinity</u>	X^∞
<u>X_prime</u>	X'
<u>X_dprime</u>	X''
<u>gamma Infinity_o</u>	γ_0^∞