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### All Electrical Engineering Equation And

$C_{Total} = C_1 + C_2 + C_3 + \dots + C_n$ . Where,  $C_1, C_2, \dots, C_n$  are the individual capacitors values.  $C_{Total}$  is the total capacitors value in parallel. Using this Online Electrical Calculator the. parallel Capacitors calculation in a circuit is made easier here.

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Electrical Motors Electrical Motor Efficiency.  $\mu = \frac{746 P_{hp}}{P_{input\_w}}$  (6) where.  $\mu$  = efficiency.  $P_{hp}$  = output horsepower (hp)  $P_{input\_w}$  = input electrical power (watts) or alternatively.  $\mu = \frac{746 P_{hp}}{(1.732 V I PF)}$  (6b) Electrical Motor - Power.  $P_{3-phase} = \frac{(U I PF 1.732)}{1,000}$  (7) where

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Here subscripts  $e$  and  $m$  are used to differ between electric and magnetic charges. The definitions for monopoles are of theoretical interest, although real magnetic dipoles can be described using pole strengths.

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