

FORMULAS FOR ELECTRICAL CIRCUITS

TO FIND	DIRECT CURRENT	SINGLE PHASE	THREE PHASE
AMPERES	$\frac{\text{Watts}}{\text{Volts}}$	$\frac{\text{Watts}}{\text{Volts} \times \text{Power Factor}}$	$\frac{\text{Watts}}{1.732 \times \text{Volts} \times \text{Power Factor}}$
VOLT AMPERES	—————	Volts x Amperes	1.732 x Volts x Amperes
WATTS	Volts x Amperes	Volts x Amperes x Power Factor	1.732 x Volts x Amperes x Power Factor