

AC Values

Maximum Value	Effective Value	Phase Angle	Instantaneous Value
35 A	___ A	30°	___ A
456 V	___ V	40°	___ V
___ V	440 V	50°	___ V
___ A	25 A	60°	___ A
155 V	___ V	30°	___ V
10 A	___ A	___°	5 A
___ V	110 V	65°	___ V
___ A	20 A	75°	___ A
___ V	___ V	15°	120.3 V
100 V	___ V	___°	48.34 V
___ A	___ A	50°	26.81 A
20 A	___ A	___°	5.5 A

1. What value of voltage/current do:

A. Most AC meters read?

B. Most DC meters read?

AC Values

Maximum Value	Effective Value	Phase Angle	Instantaneous Value
35 A	24.7 A	30°	17.5 A
456 V	322.3 V	40°	293.1 V
622.4 V	440 V	50°	476.8 V
35.4 A	25 A	60°	30.62 A
155 V	109.6 V	30°	77.5 V
10 A	7.07 A	30°	5 A
156 V	110 V	65°	141 V
28.3 A	20 A	75°	27.3 A
464.8 V	328.6 V	15°	120.3 V
100 V	70.7 V	28.9°	48.34 V
35 A	24.7 A	50°	26.81 A
20 A	14.14 A	16°	5.5 A

1. What value of voltage/current do:

A. Most AC meters read? **Effective values**

B. Most DC meters read? **Average values (In an AC system practically zero)**