

ELECTRICAL DATA

MAXIMUM CURRENT AVAILABLE FROM GENERATOR at 0.8pf

415v - 50hz		440v - 60hz	
kVA	AMPS	kVA	AMPS
15	21	15	20
30	42	30	39
60	83	60	79
100	139	100	131
175	243	175	230
200	278	200	262
250	348	250	328
300	417	300	394
500	696	500	656
750	1043	750	984
1000	1391	1000	1312
1250	1739	1250	1640

kW = kVA x 0.8

kVA = kW / 0.8

conversion of 3 phase & 1 phase voltages

1 phase voltage x 1.732 = 3 phase voltage

What is the phase to neutral voltage

3 phase voltage / 1.732 = 1 phase power

Conversion of 1 phase & 3 phase ratings of generators

3 phase power / 0.66 = 1 phase power

1 phase power x 0.66 = 3 phase power

kVA from current & voltage

V x C x 1.732 / 1000 = kVA size

current from kVA (voltage required)

kVA x 1000 / voltage x 1.732 = current



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