



### Generator Products

Fuel	Application	kWe Range	Hz
LP Gas	Emergency Stationary	25 - 300	60
Natural Gas	Emergency Stationary	25 - 425	60
Diesel	Emergency Stationary	30 - 2500	60
Diesel	TPEM Mobile	30 - 500*	60
Diesel	IT4 TPEM Mobile	60 - 415*	60
Diesel	Export	44 - 500 (kVA)*	50
PTO	Power Take-Off	30 - 150	60

All Ratings Configured in Standby. \*Consult Individual Specification Sheet for Prime Rating\*

### Automatic Transfer Switch Products

Type	Amp Range	Poles
ASCO 185 Series	100 - 400	2
ASCO 300G Series	30 - 3000	2, 3, 4
ASCO 4000 Series	30 - 4000	2, 3, 4
ASCO 7000 Series	70 - 4000	2, 3, 4

Available in both Non-Service & Service Entrance Rated.

### Power Formulas

To Find	Known Values	Formula
kWe	Volts, Amps, Power Factor	$\frac{V \times A \times 1.73}{1000}$ or $kVA \times PF$
kVA	Volts, Amps	$\frac{V \times A \times 1.73}{1000}$ or $\frac{kWe}{PF}$
Amps	kWe, Volts, Power Factor (PF)	$\frac{kWe \times 1000}{V \times 1.73 \times PF}$
Amps	kVA, Volts	$\frac{kVA \times 1000}{V \times 1.73}$

### Amperage Chart

kWe	kVA	3 Phase @ 0.8 PF				1 Phase @ 1.0 PF
		480V	240V	208V	600V	240V
25	31.25	38	75	87	30	105
30	37.5	45	90	104	36	125
40	50	60	120	139	48	167
50	62.5	75	150	173	60	209
60	75	90	180	208	72	250
80	100	120	241	278	96	333
100	125	150	301	347	120	417
125	156.25	188	376	434	150	625
150	187.5	226	451	520	180	834
200	250	301	601	694	241	959
250	312.5	376	752	867	301	1146
275	343.75	413	827	954	331	1250
300	375	451	902	1041	361	1459
350	437.5	526	1052	1214	421	1667
400	500	601	1203	1388	481	-
450	562.5	677	1353	1561	541	-
500	625	752	1504	1735	601	-
550	687.5	827	1654	1908	662	-
600	750	902	1804	2082	722	-
650	812.5	977	1955	2255	782	-
750	937.5	1128	2255	2602	902	-
800	1000	1203	2776	2406	963	-
1000	1250	1504	-	-	1203	-
1250	1562.5	1879	-	-	1504	-
1500	1875	2255	-	-	1804	-
1600	2000	2406	-	-	1925	-
1750	2187.5	2631	-	-	2105	-
2000	2500	3007	-	-	2406	-
2500	3125	3759	-	-	3007	-