

CAUTION: Use of a wire gauge that is too small will cause loss of power or overheating and will damage the electric motor.

RECOMMENDED POWER CORD GAUGE – 3 PHASE

Horsepower	Phase	Voltage	Amps	50ft Cord	100ft Cord	150ft Cord	200ft Cord	300ft Cord
5	3	230	12	#14	#12	#10	#8	#6
5	3	460	6	#14	#14	#12	#10	#12
7.5	3	230	17	#12	#10	#8	#6	#6
10	3	230	24	#10	#8	#6	#4	#4
10	3	460	12	#14	#12	#10	#8	#10
15	3	230	36	#8	#6	#4	#2	#2
15	3	460	18	#12	#10	#8	#6	#8
20	3	230	52	#6	#6	#4	#2	#2
20	3	460	26	#10	#8	#6	#4	#6
25	3	230	58	#6	#6	#4	#2	#2
25	3	460	29	#10	#8	#6	#4	#6
30	3	460	37	#8	#6	#4	#2	#4
40	3	460	48	#8	#6	#4	#2	#4
50	3	460	62	#4	#4	#2	#0	#2

RECOMMENDED POWER CORD GAUGE - 1 PHASE

Horsepower	Phase	Voltage	Amps	50ft Cord	100ft Cord	150ft Cord	200ft Cord	300ft Cord
1.5	1	115	13	#12	#10	#8	-	-
1.5	1	230	6	#14	#14	#12	-	-
2	1	115	16	#10	#8	#6	-	-
2	1	230	8	#14	#14	#12	-	-
2.5	1	115	21	#10	#8	#6	-	-
2.5	1	230	11	#14	#12	#10	-	-
5	1	230	23	#10	#8	#6	#8	#6
7.5	1	230	33	#8	#8	#6	#4	#2

Minimum Recommended Generator Sizes

Saw	H.P.	Phase	kw	Soft Start
CC850	5	1	15	-
CC850	5	3	15	-
CC875	7.5	1	20	-
CC875	7.5	3	20	-
CC1300XL	5	1	12	-
CC1300XL	5	3	12	-
CC1800XL	7.5	1	20	-
CC1800XL	10	3	25	-
CC2500	15	3	30	-
CC3500	20	3	40	25kw
CC3500	30	3	60	40kw
CC3700	25	3	50	30kw
CC3700	30	3	60	40kw
CC3700	40	3	80	60kw
CC6500	40	3	80	60kw
CC7200	50	3	100	80kw