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# Product Rating Summary

## Rating Definitions

**Prime:** These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and these models can supply 10% overload power for 1 hour in 12 hours.

**Standby:** These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternators on these models are peak continuous rated (as defined in ISO 8528-3).

**Emergency Rating:** These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure, up to a maximum of 200 hours per year. No overload is permitted on these ratings. Exceeding 200 hours operation per year may result in a reduced product life.

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### 60 Hz Single Phase

400, 1100, 1006 Series Engines .....4

Engine Nomenclature:  
Please note where engine model names incorporate an A or C.  
'A' Indicates – Optimised for low fuel consumption (low BSFC)  
'C' Indicates – Low Emissions – EU Stage II emissions compliant



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Generating Set Model	Prime Rating		Standby Rating		RPM	Engine Model	Standard Alternator
	kVA	kW	kVA	kW			
<b>3-Phase – 50 Hz, 380-415V</b>							
<b>400 Series</b>							
P9.5-2†	8.5	6.8	9.5	7.6	1500	403D-11G	LL1114D
P13.5-4	12.5	10.0	13.8	11.0	1500	403D-15G	LL1014H
P18-4	16.5	13.2	18.0	14.4	1500	404D-22G1	LL1014L
P22-4	20.0	16.0	22.0	17.6	1500	404D-22G	LL1014N
<b>1103 Series</b>							
P33-1	30.0	24.0	33.0	26.4	1500	1103A-33G1	LL1014S
P33-2	30.0	24.0	33.0	26.4	1500	1103C-33G2/3	LL1014S
P50-1	45.0	36.0	50.0	40.0	1500	1103A-33TG1	LL2014C
P50-2	45.0	36.0	49.8	39.8	1500	1103C-33TG2/3	LL2014C
P55-1	50.0	40.0	55.0	44.0	1500	1103A-33TG2	LL2014D
P65-1	60.0	48.0	65.0	52.0	1500	1103A-33TG2	LL2014H
<b>1104 Series</b>							
P44-1*	40.0	32.0	44.0	35.2	1500	1104A-44G	LL2014C
P55-2	50.0	40.0	55.0	44.0	1500	1104C-44TG2/3	LL2014D
P65-2	60.0	48.0	65.0	52.0	1500	1104C-44TG2/3	LL2014H
P65-3*	60.0	48.0	65.0	52.0	1500	1104A-44TG1	LL2014H
P88-1	80.0	64.0	88.0	70.4	1500	1104A-44TG2	LL2014L
P88-2	80.0	64.0	88.0	70.4	1500	1104C-TAG1	LL2014L
P110-2*	100.0	80.0	110.0	88.0	1500	1104C-TAG2	LL3014B
<b>1006 Series</b>							
P150-1	135.0	108.0	150.0	120.0	1500	1006TAG	LL3014F
P165-1	150.0	120.0	165.0	132.0	1500	1006TAG2	LL3014H
<b>1106 Series</b>							
P150-2	135.0	108.0	150.0	120.0	1500	1106C-E66TAG2	LL3014F
P165-2	149.7	119.8	165.0	132.0	1500	1106C-E66TAG3	LL3014H
P200-2	180.0	144.0	200.0	160.0	1500	1106C-E66TAG4	LL5014F
<b>1306 Series</b>							
P200H2/P220HE2	200.0	160.0	220.0	176.0	1500	1306C-E87TAG4	LL5014F
P230H2/P250HE2	230.0	184.0	250.0	200.0	1500	1306C-E87TAG4	LL5014H
P250H2/P275HE2	250.0	200.0	275.0	220.0	1500	1306C-E87TAG6	LL5014J
<b>2206 Series</b>							
P350P4/P400E4	350.0	280.0	400.0	320.0	1500	2206C-E13TAG2	LL6114B
P350P5/P400E5	350.0	280.0	400.0	320.0	1500	2206A-E13TAG2/5	LL6114B
P400P4/P450E4	400.0	320.0	450.0	360.0	1500	2206C-E13TAG3	LL6114D
P400P5/P450E5	400.0	320.0	450.0	360.0	1500	2206A-E13TAG3/6	LL6114D
<b>2506 Series</b>							
P450P2/P500E2	450.0	360.0	500.0	400.0	1500	2506C-E15TAG1	LL6114D
P450P3/P500E3	450.0	360.0	500.0	400.0	1500	2506A-E15TAG1	LL6114D
P500P2/P550E2	500.0	400.0	550.0	440.0	1500	2506C-E15TAG2	LL6114F
P500P3/P550E3	500.0	400.0	550.0	440.0	1500	2506A-E15TAG2	LL6114F
<b>2806 Series</b>							
P550P2/P605E2	550.0	440.0	605.0	484.0	1500	2806C-E18TAG1	LL6114G
P550P5/P605E5	550.0	440.0	605.0	484.0	1500	2806A-E18TAG1	LL6114G
P591P2/P650E2	591.0	473.0	650.0	520.0	1500	2806C-E18TAG1A	LL6114K
P600P5/P660E5	600.0	480.0	660.0	528.0	1500	2806A-E18TAG1A	LL6114K
P635P5/P700E5	635.0	508.0	700.0	560.0	1500	2806A-E18TAG2	LL7024H
<b>4006 Series</b>							
P730P1/P800E1	730.0	584.0	800.0	640.0	1500	4006-23TAG2A	LL7024L
P800P1/P900E1	800.0	640.0	900.0	720.0	1500	4006-23TAG3A	LL7024P
<b>4008 Series</b>							
P910P1/P1000E1	910.0	728.0	1000.0	800.0	1500	4008TAG1A	LL8224A
P1000P1/P1100E1	1000.0	800.0	1100.0	880.0	1500	4008TAG2A	LL8224B

\*Produced only at our Brazilian facility – Piracicaba.

†Produced only at our Chinese facility – Tianjin.

Generating Set Model	3-Phase – 50 Hz, 380-415V					Engine Model	Standard Alternator
	Prime Rating		Standby Rating		RPM		
	kVA	kW	kVA	kW			
<b>4012 Series</b>							
P1250P3/P1375E3	1250.0	1000.0	1375.0	1100.0	1500	4012-46TWG2A	LL8224H
P1350P1/P1500E1	1350.0	1080.0	1500.0	1200.0	1500	4012-46TWG3A	LL8224N
P1500P3/P1650E3	1500.0	1200.0	1650.0	1320.0	1500	4012-46TAG2A	LL8224N
P1700P1/P1875E1	1700.0	1360.0	1875.0	1500.0	1500	4012-46TAG3A	LL9124H
<b>4016 Series</b>							
P1750/P1925E	1750.0	1400.0	1925.0	1540.0	1500	4016TAG	LL9124H
P1825/P2000E	1825.1	1460.1	2000.0	1600.0	1500	4016TAG1A	LL9124H
P2000/P2200E	2000.0	1600.0	2200.0	1760.0	1500	4016TAG2A	LL9124H

Generating Set Model	3-Phase – 60 Hz, 480V					Engine Model	Standard Alternator
	Prime Rating		Standby Rating		RPM		
	kVA	kW	kVA	kW			
<b>400 Series</b>							
P9.5-2†	10.0	8.0	11.0	8.8	1800	403D-11G	LL1114D
P13.5-4	15.0	12.0	16.2	13.0	1800	403D-15G	LL1014H
P18-4	19.4	15.5	21.3	17.0	1800	404D-22G1	LL1014L
P22-4	22.5	18.0	25.0	20.0	1800	404D-22G	LL1014N
<b>1103 Series</b>							
P33-1	33.8	27.0	37.5	30.0	1800	1103A-33G1	LL1014S
P50-1	50.0	40.0	56.3	45.0	1800	1103A-33TG1	LL2014C
P55-1	56.3	45.0	62.5	50.0	1800	1103A-33TG2	LL2014D
P65-1	68.8	55.0	75.0	60.0	1800	1103A-33TG2	LL2014H
<b>1104 Series</b>							
P44-1*	45.0	36.0	50.0	40.0	1800	1104A-44G	LL2014C
P65-3*	68.8	55.0	75.0	60.0	1800	1104A-44TG1	LL2014H
P88-1	90.0	72.0	100.0	80.0	1800	1104A-44TG2	LL2014L
P110-2*	113.0	90.4	125.0	100.0	1800	1104C-TAG2	LL3014B
<b>1006 Series</b>							
P150-1	150.0	120.0	165.0	132.0	1800	1006TAG	LL3014F
<b>1106 Series</b>							
P200-2	196.9	157.5	218.8	175.0	1800	1106C-E66TAG4	LL5014F
<b>1306 Series</b>							
P200H2/P220HE2	225.0	180.0	250.0	200.0	1800	1306C-E87TAG4	LL5014F
P230H2/P250HE2	240.0	192.0	265.0	212.0	1800	1306C-E87TAG4	LL5014H
<b>Scania</b>							
S250P3/P275E3*	250.0	200.0	275.0	220.0	1800	Scania DC9 65A 10-93	GTA252 AIII
S275P1/S300E1*	275.0	220.0	300.0	240.0	1800	Scania DC9 65A 10-93	GTA252 AIIR
S320P1/S350E1*	320.0	256.0	350.0	280.0	1800	Scania DC9 65A 10-93	GTA311 AIVS
<b>2206 Series</b>							
P350P5/P400E5	400.0	320.0	438.0	350.4	1800	2206A-E13TAG2/5	LL6114B
P400P5/P450E5	438.0	350.4	500.0	400.0	1800	2206A-E13TAG3/6	LL6114D
<b>2506 Series</b>							
P513P1/P563E1	513.0	410.4	563.0	450.4	1800	2506A-E15TAG3	LL6114D
P563P3/P625E3	563.0	450.4	625.0	500.0	1800	2506A-E15TAG4	LL6114F
P688ER2‡	–	–	688.0*	550.4*	1800	2506C-E15TAG4	LL6114G
<b>2806 Series</b>							
P675P5/P750E5	675.0	540.0	750.0	600.0	1800	2806A-E18TAG3	LL7024J
<b>4006 Series</b>							
P730P1/P800E1	735.0	588.0	844.0	675.2	1800	4006-23TAG2A	LL7024L
P800P1/P900E1	835.0	668.0	938.0	750.4	1800	4006-23TAG3A	LL7024P

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‡Emergency Rating.

Generating Set Model	Single Phase – 50 Hz, 220-240V				RPM	Engine Model	Standard Alternator
	Prime Rating kVA	Prime Rating kW	Standby Rating kVA	Standby Rating kW			
<b>400 Series</b>							
P7.5-2S†	6.8	6.8	7.5	7.5	1500	403D-11G	LLB1114D
P11-4S	10.0	10.0	11.0	11.0	1500	403D-15G	LLB1014H
P14-4S	13.0	13.0	14.0	14.0	1500	404D-22G1	LLB1014L
P16.5-4S	15.0	15.0	16.5	16.5	1500	404D-22G	LLB1014N
<b>1103 Series</b>							
P26-1S	24.0	24.0	26.0	26.0	1500	1103A-33G1	LLB1014S
P26-2S	24.0	24.0	26.0	26.0	1500	1103C-33G2/3	LLB1014S
P35-1S	32.0	32.0	35.0	35.0	1500	1103A-33TG1	LL2014H
P35-2S	32.0	32.0	35.0	35.0	1500	1103C-33TG2/3	LL2014H
P50-1S	45.0	45.0	50.0	50.0	1500	1103A-33TG2	LL2014J
<b>1104 Series</b>							
P35-3S*	32.0	32.0	35.0	35.0	1500	1104A-44G	LL2014H
P50-2S	45.0	45.0	50.0	50.0	1500	1104C-44TG2/3	LL2014J
P50-3S*	45.0	45.0	50.0	50.0	1500	1104A-44TG1	LL2014J
P80-2S	72.0	72.0	80.0	80.0	1500	1104C-TAG2	LL3014F

Generating Set Model	Single Phase – 60 Hz, 240V				RPM	Engine Model	Standard Alternator
	Prime Rating kVA	Prime Rating kW	Standby Rating kVA	Standby Rating kW			
<b>400 Series</b>							
P7.5-2S†	8.0	8.0	8.8	8.8	1800	403D-11G	LLB1114D
P11-4S	12.0	12.0	13.0	13.0	1800	403D-15G	LLB1014H
P14-4S	15.5	15.5	17.0	17.0	1800	404D-22G1	LLB1014L
P16.5-4S	18.0	18.0	20.0	20.0	1800	404D-22G	LLB1014N
<b>1103 Series</b>							
P35-1S	36.0	36.0	40.0	40.0	1800	1103A-33G1	LL2014H
P50-1S	50.0	50.0	55.0	55.0	1800	1103A-33TG2	LL2014J
<b>1104 Series</b>							
P35-3S*	36.0	36.0	40.0	40.0	1800	1104A-44G	LL2014H
P50-3S*	50.0	50.0	55.0	55.0	1800	1104A-44TG1	LL2014J
P80-2S	82.0	82.0	90.0	90.0	1800	1104C-TAG2	LL3014F

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