

Quick Reference  
- Small Diesel Engines



## EPA Interim Tier IV

ENGINE MODEL	Engine Configuration	Displacement (Liter)	Combustion System	Output (HP)
L2E	I-2, NA	0.635	IDI	10-15
L3E	I-3, NA	0.952	IDI	15-20
S3L2	I-3, NA	1.318	IDI	20-25
S4L2	I-4, NA	1.758	IDI	25-30
S4L2-T	I-4, Turbo	1.758	IDI-T	30-35
S3Q2	I-3, NA	1.878	IDI	30-35
S3Q2-T	I-3, Turbo	1.878	IDI-T	35-40
S4Q2	I-4, NA	2.505	IDI	40-45
S4Q2-T	I-4, Turbo	2.505	IDI-T	45-50
S4S	I-4, NA	3.331	IDI	50-55
S4S-DT	I-4, Turbo	3.331	DI-ATAAC	55-60



# SMALL INDUSTRIAL DIESEL ENGINE LINE-UP\*

Engine Model	L2E	L3E	S3L2	S4L2	S3Q2	S3Q2T	S4Q2	S4Q2-T	S4S	S4S-DT
Type of Aspiration	Natural	Natural	Natural	Natural	Natural	Natural	Natural	Turbo	Natural	Turbo
Type of Injection	Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection	Direct Injection
Type of Injection Pump	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline**	Inline**
Engine Configuration	2, In-Line	3, In-Line	3, In-Line	4, In-Line	3, In-Line	3, In-Line	4, In-Line	4, In-Line	4, In-Line	4, In-Line
Displacement (Liter)	.635	.952	1.318	1.758	1.878	1.878	2.505	2.505	3.331	3.331
Bore x Stroke (mm)	76 x 70	76 x 70	78 x 92	78 x 92	88 x 103	88 x 103	88 x 103	88 x 103	94 x 120	94 x 120
<b>Power Ratings</b>										
Net Intermittent Peak Rating: SAE J1349 (hp @ rpm)	<b>14.8</b> @ 3600	<b>23.7</b> @ 3600	<b>28.4</b> @ 3000	<b>38.6</b> @ 3000	<b>29.5</b> @ 2300	<b>40.5</b> @ 2400	<b>34.5</b> @ 2500	<b>48.5</b> @ 2400	<b>63.0</b> @ 2500	<b>83.0</b> @ 2500
GENERATOR RATING (w/o fan) 1800 rpm Standby/Prime kWm	6.0/5.1	9.3/8.0	14.1/12.6	18.4/17.0	N/A	N/A	25.0/23.5	N/A	34.6/33.5	45/42.7
EPA/CARB Tier Level	Tier 4	Tier 4	Tier i4	Tier i4	Tier i4	Tier i4	Tier i4	Tier i4	Tier i4	Tier i4
Gross Peak Torque (lb-ft @ rpm)	<b>22.1</b> @ 2400	<b>39.1</b> @ 2200	<b>50.6</b> @ 2200	<b>71.5</b> @ 2200	<b>73</b> @ 1800	<b>89.3</b> @ 2200	<b>104.7</b> @ 2000	<b>149.0</b> @ 2000	<b>145.0</b> @ 1500	<b>181.0</b> @ 1600
<b>General Information</b>										
Overall Dimensions (In)										
Length	16.4	19.9	21.1	24.4	35.2	23.9	27.7	27.9	30.7	30.7
Width	16.5	16.4	17.0	17.0	23.9	21.2	19.1	21.1	23.3	23.7
Height	19.7	19.7	22.5	22.5	24.9	27.4	24.9	27.6	28.0	32.3
Dry Weight (lbs.)	160.0	192.0	308.6	341.0	352.0	363.0	430.0	441.0	540.0	562.0

\*\*S4S-DT: Gen Drive: In-Line Pump  
Variable Speed: Rotary Pump

\* Data is subject to change without notice.

