

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	35-40
S3Q2-T	I-3, Turbo	1.878	IDI-T	40-45
S4Q2	I-4, NA	2.505	IDI	45-50
S4Q2-T	I-4, Turbo	2.505	IDI-T	50-55
S4S	I-4, NA	3.331	IDI	55-60
S4S-DT	I-4, Turbo	3.331	DI-ATAAC	60-65



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
Power Ratings										
Net Intermittent Peak Rating: SAE J1349 (hp @ rpm)	14.8 @ 3600	23.7 @ 3600	28.4 @ 3000	38.6 @ 3000	29.5 @ 2300	40.5 @ 2400	34.5 @ 2500	48.5 @ 2400	63.0 @ 2500	83.0 @ 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)	22.1 @ 2400	39.1 @ 2200	50.6 @ 2200	71.5 @ 2200	73 @ 1800	89.3 @ 2200	104.7 @ 2000	149.0 @ 2000	145.0 @ 1500	181.0 @ 1600
General Information										
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

* Data is subject to change without notice.

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

