


Specification

Item	Model	L2E	L3E	S3L2	S4L2	
Type		4-cycle, water-cooled, diesel engine				
Aspiration		Natural-aspirated				
Number of cylinders		2	3	3	4	
Bore and stroke	mm	76×70	76×70	78×92	78×92	
Displacement	cc	635	952	1318	1758	
Combustion system		Swirl chamber				
Firing order (Electric starting with cell starter)		1-2	1-3-2	1-3-2	1-3-4-2	
Charging alternator	V - A	12 - 40	12 - 40	12 - 50	12 - 50	
Starting system	V - kW	12 - 1.2	12 - 1.7	12 - 1.7	12 - 2.0	
Fuel		Diesel fuel (ASTM No. 2-D)				
Lub. oil capacity	ℓ	2.0	3.1	4.2	6.0	
Dry weight (1500/1800 rpm. spec.)	kg	73	87	135	155	
Generator output (ISO3046, gross*)	50 Hz (1500 rpm)	St-by kW	4.7	7.5	10.8	15.4
		Prime kW	4.0	6.4	9.7	13.8
	60 Hz (1800 rpm)	St-by kW	6.0	9.3	13.4	18.8
		Prime kW	5.1	8.0	12.0	17.0
	50 Hz (3000 rpm)	St-by kW	9.9	15.4	21.2	28.8
		Prime kW	8.5	13.3	18.3	25.8
60 Hz (3600 rpm)	St-by kW	11.3	17.7	—	—	
	Prime kW	9.9	15.6	—	—	
Flywheel		SAE #6.5	SAE #6.5	SAE #7.5	SAE #7.5	
Flywheel housing		SAE #5	SAE #5	SAE #5	SAE #5	
Emission compliance		US EPA Tier 4a		US EPA Tier 4a / EU Stage 2 constant		

Item	Model	S4Q2	S4S	S4S-DT	
Type		4-cycle, water-cooled, diesel engine			
Aspiration		Natural-aspirated	Natural-aspirated	Turbocharged	
Number of cylinders		4	4	4	
Bore and stroke	mm	88×103	94×120	94×120	
Displacement	cc	2505	3331	3331	
Combustion system		Swirl chamber	Swirl chamber	Direct injection	
Firing order (Electric starting with cell starter)		1-3-4-2	1-3-4-2	1-3-4-2	
Charging alternator	V - A	12 - 50	12 - 50	12 - 50	
Starting system	V - kW	12 - 2.0	12 - 2.2	12 - 2.2	
Fuel		Diesel fuel (ASTM No. 2-D)			
Lub. oil capacity	ℓ	6.5	10.0	10.0	
Dry weight (1500/1800 rpm. spec.)	kg	195	245	250	
Generator output (ISO3046, gross*)	50 Hz (1500 rpm)	St-by kW	21.0	31.6	39.0
		Prime kW	19.5	28.7	37.5
	60 Hz (1800 rpm)	St-by kW	25.0	36.5	46.2
		Prime kW	23.5	34.2	44.5
Flywheel		SAE #7.5	SAE #11.5	SAE #11.5	
Flywheel housing		SAE #4	SAE #3	SAE #3	
Emission compliance		US EPA Tier 4a / EU Stage 2 constant		US EPA Tier 2 / EU Stage 2 constant	

Note *: The out put of the basic engine without such accessories as air cleaner, fan, radiator, muffler, dynamo etc.

 Please read the accompanying instruction manual and all caution labels before operating equipment. The specification described in this catalog is subject to change without prior notice.

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Specification

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Bore and stroke	mm	76×70	76×70	78×92	78×92	
Displacement	cc	635	952	1318	1758	
Combustion system		Swirl chamber				
Firing order (Electric starting with cell starter)		1-2	1-3-2	1-3-2	1-3-4-2	
Charging alternator	V - A	12 - 40	12 - 40	12 - 50	12 - 50	
Starting system	V - kW	12 - 1.2	12 - 1.7	12 - 1.7	12 - 2.0	
Fuel		Diesel fuel (ASTM No. 2-D)				
Lub. oil capacity	ℓ	2.0	3.1	4.2	6.0	
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Flywheel housing		SAE #5	SAE #5	SAE #5	SAE #5	
Emission compliance		US EPA Tier 4a		US EPA Tier 4a / EU Stage 2 constant		

Item	Model	S4Q2	S4S	S4S-DT	
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Aspiration		Natural-aspirated	Natural-aspirated	Turbocharged	
Number of cylinders		4	4	4	
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Displacement	cc	2505	3331	3331	
Combustion system		Swirl chamber	Swirl chamber	Direct injection	
Firing order (Electric starting with cell starter)		1-3-4-2	1-3-4-2	1-3-4-2	
Charging alternator	V - A	12 - 50	12 - 50	12 - 50	
Starting system	V - kW	12 - 2.0	12 - 2.2	12 - 2.2	
Fuel		Diesel fuel (ASTM No. 2-D)			
Lub. oil capacity	ℓ	6.5	10.0	10.0	
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