

**PACKAGE DATA [57LGE01]**

**SEPTEMBER 18, 2020**

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<b>Feature Code:</b>	57LGE01	<b>Rating Type:</b>	STANDBY	<b>Sales model Package:</b>	DG50-2
<b>Engine Sales Model:</b>	5.7LNA	<b>Engine Arrangement Number:</b>	4830906	<b>Hertz:</b>	60
<b>EKW W/F:</b>	50.0	<b>Noise Reduction:</b>	0 dBA	<b>Back Pressure:</b>	0.0 inH2O

**Engine Package Information**

Engine Package Data

**Package Cooling Information**

**Open Cooling Data**

% Load	Airflow Rate scfm			Ambient Capability Sea Level (Deg F)			Ambient Capability 300 m (Deg F)			Ambient Capability 600 m (Deg F)			Ambient Capability 900 m (Deg F)		
	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4	0	1/2	3/4
	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O	inH2O
100.0	7557	6956	6603	131	127	123	127	123	120	123	120	116	120	116	113
75.0	7557	6956	6603	134	131	127	131	127	123	127	123	120	123	120	116
50.0	7557	6956	6603	138	134	132	134	131	129	131	127	125	127	123	122
25.0	7557	6956	6603	141	138	136	138	134	132	134	131	129	131	127	125

**SA Level 2 Canopy Cooling Data**

% Load	Airflow Rate scfm	Ambient Capability Sea Level (Deg F)	Ambient Capability 300 m (Deg F)	Ambient Capability 600 m (Deg F)	Ambient Capability 900 m (Deg F)
100.0	5897	129	125	122	118
75.0	5897	134	131	127	123
50.0	5897	140	136	132	129
25.0	5897	145	141	138	134

**Package Sound Information**

**Sound Comments :**

**Open Sound Data**

**Distance: 3.3 Feet**

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	90.8	73.6	82.8	87.7	86.1	84.6	85.1	80.3	79.7
37.5	75.0	90.3	72.9	81.7	85.9	84.9	84.3	85.0	79.9	78.6
25.0	50.0	90.0	72.4	81.5	84.8	84.3	84.2	84.9	79.4	77.5
12.5	25.0	89.8	72.1	82.3	84.5	84.1	84.2	84.8	78.8	76.3

**Distance: 23.0 Feet**

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	80.8	63.6	72.8	77.7	76.1	74.6	75.1	70.3	69.7
37.5	75.0	80.3	62.9	71.7	75.9	74.9	74.3	75.0	69.9	68.6
25.0	50.0	80.0	62.4	71.5	74.8	74.3	74.2	74.9	69.4	67.5
12.5	25.0	79.8	62.1	72.3	74.5	74.1	74.2	74.8	68.8	66.3

**Distance: 49.2 Feet**

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	74.8	57.6	66.8	71.7	70.1	68.6	69.1	64.3	63.7
37.5	75.0	74.3	56.9	65.7	69.9	68.9	68.3	69.0	63.9	62.6
25.0	50.0	74.0	56.4	65.5	68.8	68.3	68.2	68.9	63.4	61.5
12.5	25.0	73.8	56.1	66.3	68.5	68.1	68.2	68.8	62.8	60.3

**SA Level 2 Canopy Sound Data**

**Distance: 3.3 Feet**

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	84.2	85.4	88.8	78.0	77.4	73.8	76.9	79.3	72.8
37.5	75.0	83.2	84.7	87.6	76.7	76.7	73.5	76.1	77.8	71.0
25.0	50.0	81.9	83.5	85.4	76.0	76.2	73.2	74.6	75.1	68.5
12.5	25.0	80.2	81.6	82.3	75.9	75.9	73.0	72.4	71.1	65.3

**Distance: 23.0 Feet**

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	69.2	78.4	77.0	69.6	64.1	60.5	61.2	61.7	56.8
37.5	75.0	68.5	77.7	75.8	69.0	63.7	60.1	60.7	60.5	55.4
25.0	50.0	67.6	76.4	73.9	68.1	63.5	59.8	59.5	58.6	53.7
12.5	25.0	66.5	74.5	71.4	66.9	63.3	59.6	57.8	55.9	51.6

**Distance: 49.2 Feet**

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	63.2	72.4	71.0	63.6	58.1	54.5	55.2	55.7	50.8
37.5	75.0	62.5	71.7	69.8	63.0	57.7	54.1	54.7	54.5	49.4
25.0	50.0	61.6	70.4	67.9	62.1	57.5	53.8	53.5	52.6	47.7
12.5	25.0	60.5	68.5	65.4	60.9	57.3	53.6	51.8	49.9	45.6

**Open Exhaust Sound Data**

Distance: 3.3 Feet

EKW W/F	% LOAD	OVERALL SOUND DB(A)	OBCF 63HZ DB	OBCF 125HZ DB	OBCF 250HZ DB	OBCF 500HZ DB	OBCF 1000HZ DB	OBCF 2000HZ DB	OBCF 4000HZ DB	OBCF 8000HZ DB
50.0	100.0	113.0	107.0	118.0	110.0	110.0	107.0	105.0	101.0	89.0
37.5	75.0	112.0	107.0	117.0	108.0	109.0	106.0	105.0	101.0	88.0
25.0	50.0	110.0	105.0	117.0	108.0	108.0	105.0	103.0	97.0	84.0
12.5	25.0	97.0	102.0	93.0	93.0	96.0	94.0	86.0	78.0	73.0

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