



Certificate of Compliance

Certificate: 80041002

Master Contract: 301178

Project: 80063861

Date Issued: 2021-02-02

Issued to: LG Electronics Inc.
168, Suchul-daero, Gumi-si,
Gyeongsangbuk-do, 39368
South Korea
Attention: Ikhyeon Han

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Qiang (Sean) Jiang
Qiang (Sean) Jiang

PRODUCTS

CLASS 5311 10 - POWER SUPPLIES - Photovoltaic Modules and Panels

CLASS 5311 90 - POWER SUPPLIES - Photovoltaic Modules and Panels - Certified to U.S. Standards

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc (USA) /1000 dc (Canada), model series: LGxxxN2W-N5 (xxx=390-430, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc (USA) /1000 or 1500V dc (Canada), model series: LGxxxN2W-L5 (xxx=390-430, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1C-N5 (xxx=310-370, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1W-N5 (xxx=310-370, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1C-L5 (xxx=310-365, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1W-L5 (xxx=310-365, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 V dc, model series: LGxxxN1K-L5 (xxx=310-355, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.



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Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 V dc, model series: LGxxxN1K-B6 (xxx=345-370, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxQ1C-N5 (xxx=370-390, in steps of 5), Fuse rating 20A, NMOT: 44+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 V dc, model series: LGxxxQ1K-N5 (xxx=360-380, in steps of 5), Fuse rating 20A, NMOT: 44+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1T-L5 (xxx=310-345, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc (USA) /1000 dc (Canada), model series: LGxxxN2T-L5 (xxx=400-415, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc (USA) /1000 dc (Canada), model series: LGxxxN2T-B5 (xxx=425-440, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 V dc, model series: LGxxxN1K-A6 (xxx=345-370, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1C-A6 (xxx=355-385, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxN1W-A6 (xxx=355-385, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 V dc, model series: LGxxxQ1C-A6 (xxx=390-405, in steps of 5), Fuse rating 20A, NMOT: 44+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 V dc, model series: LGxxxQ1K-A6 (xxx=375-390, in steps of 5), Fuse rating 20A, NMOT: 44+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 Vdc (USA) /1000 Vdc (Canada), model series: LGxxxN2W-E6 (xxx=430-470, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 Vdc, model series: LGXXXN2W-E6.AW5 (xxx=430-470, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 Vdc (USA) /1000 dc (Canada), model series: LGXXXN2T-E6 (xxx=420-440, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 Vdc, model series: LGXXXN1C-E6 (xxx=355-390, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 Vdc, model series: LGXXXN1W-E6 (xxx=355-390, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 Vdc, model series: LGXXXN1K-E6 (xxx=350-380, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 Vdc, model series: LGXXXN1T-E6 (xxx=345-365, in steps of 5), Fuse rating 20A, NMOT: 42+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1000 Vdc, model series: LGxxxQAC-A6 (xxx=430-445, in steps of 5), Fuse rating 20A, NMOT: 44+/-3°C.

Photovoltaic modules with Fire Performance (USA) Type 2, maximum system voltage of 1000 Vdc, model series: LGxxxQAK-A6 (xxx=415-430, in steps of 5), Fuse rating 20A, NMOT: 44+/-3°C.

Notes:

1. The electrical characteristics are within ± 5 , ± 5 , $-0 \sim +3$ percent of the rated values of I_{sc} (± 5), V_{oc} (± 5), and P_{max} ($-0 \sim +3$) under standard test conditions (irradiance of 1000 W/m², AM 1.5 spectrum, and a cell temperature of 25°C (77°F)).



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- The Canada maximum system voltage is depend on the substrate type, LB-PVP(L)(W)/BO-L2/LB-P2(B) are for 1000V dc, BQ3RE 42 is for the both 1000 and 1500V dc.
- The Rated Maximum Power at Bifi100 and Bfi200 for the LGxxxN2W-N5, LGxxxN2W-L5, LGxxxN1C-N5, LGxxxN1W-N5, LGxxxN1C-L5, LGxxxN1W-L5, LGxxxN1K-L5, LGxxxN1T-L5, LGxxxN2T-L5, LGxxxN2T-B5, LGxxxN1K-A6, LGxxxN1C-A6, LGxxxN1W-A6, LGxxxN1K-B6, LGxxxN2W-E6, LGXXXN2W-E6.AW5, LGXXXN2T-E6, LGXXXN1C-E6, LGXXXN1W-E6, LGXXXN1K-E6, LGXXXN1T-E6 series are refer to the test method of IEC TS 60904-1-2 Ed1:2019 as bifacial module (refer installation manual for detail information).
- The operating ambient temperature of these devices may exceed 40 °C at full load for all wire sizes if it is determined suitable in the field use application.

Model	Open Circuit Voltage at STC (V dc)	Short Circuit Current at STC (A dc)	Rated Voltage at STC (V dc)	Rated Current at STC (A dc)	Rated Maximum Power at STC (Watts)
LGxxxQ1C-N5 (xxx=370-390, in steps of 5)					
LG370Q1C-N5	43.3	10.53	36.7	10.09	370
LG375Q1C-N5	43.4	10.58	37.0	10.14	375
LG380Q1C-N5	43.6	10.62	37.3	10.20	380
LG385Q1C-N5	43.8	10.67	37.6	10.25	385
LG390Q1C-N5	44.0	10.72	37.8	10.30	390
LGxxxQ1K-N5 (xxx=360-380, in steps of 5)					
LG360Q1K-N5	43.3	10.31	36.7	9.83	360
LG365Q1K-N5	43.4	10.36	36.9	9.90	365
LG370Q1K-N5	43.6	10.40	37.2	9.96	370
LG375Q1K-N5	43.7	10.45	37.4	10.03	375
LG380Q1K-N5	43.9	10.50	37.7	10.10	380
LGxxxQ1C-A6 (xxx=390-405, in steps of 5)					
LG390Q1C-A6	43.5	11.26	36.7	10.63	390
LG395Q1C-A6	43.6	11.29	37.0	10.69	395
LG400Q1C-A6	43.8	11.32	37.2	10.76	400
LG405Q1C-A6	43.9	11.35	37.5	10.82	405
LGxxxQ1K-A6 (xxx=375-390, in steps of 5)					
LG375Q1K-A6	43.4	10.84	37.0	10.12	375
LG380Q1K-A6	43.5	10.85	37.2	10.21	380
LG385Q1K-A6	43.7	10.86	37.4	10.30	385
LG390Q1K-A6	43.9	10.87	37.5	10.39	390
LGxxxQAC-A6 (xxx=430-445, in steps of 5)					
LG430QAC-A6	47.9	11.19	40.8	10.54	430
LG435QAC-A6	48.0	11.20	41.1	10.59	435
LG440QAC-A6	48.2	11.20	41.4	10.64	440
LG445QAC-A6	48.3	11.21	41.6	10.70	445
LGxxxQAK-A6 (xxx=415-430, in steps of 5)					
LG415QAK-A6	47.9	10.82	41.2	10.08	415
LG420QAK-A6	48.0	10.83	41.3	10.19	420
LG425QAK-A6	48.1	10.84	41.3	10.31	425
LG430QAK-A6	48.2	10.85	41.3	10.42	430



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Model	Open Circuit Voltage at STC (V dc)	Short Circuit Current at STC (A dc)	Rated Voltage at STC (V dc)	Rated Current at STC (A dc)	Rated Maximum Power at STC (Watts)	Rated Maximum Power at Bifi100(Watts)	Rated Maximum Power at Bifi200(Watts)
LGxxxN2W-N5 (xxx=390-430, in steps of 5)							
LG390N2W-N5	49.0	10.36	39.0	10.02	390	393.1	396.2
LG395N2W-N5	49.1	10.40	39.3	10.06	395	398.2	401.3
LG400N2W-N5	49.2	10.44	39.7	10.09	400	403.2	406.4
LG405N2W-N5	49.3	10.48	40.1	10.12	405	408.2	411.5
LG410N2W-N5	49.4	10.52	40.4	10.16	410	413.3	416.6
LG415N2W-N5	49.5	10.56	40.7	10.21	415	418.3	421.6
LG420N2W-N5	49.6	10.60	41.1	10.23	420	423.4	426.7
LG425N2W-N5	49.7	10.64	41.5	10.26	425	428.4	431.8
LG430N2W-N5	49.8	10.68	41.8	10.30	430	433.4	436.9
LGxxxN2W-L5 (xxx=390-430, in steps of 5)							
LG390N2W-L5	49.1	10.39	39.8	9.81	390	393.9	397.8
LG395N2W-L5	49.2	10.43	40.2	9.83	395	399.0	402.9
LG400N2W-L5	49.3	10.47	40.6	9.86	400	404.0	408.0
LG405N2W-L5	49.4	10.51	41.0	9.89	405	409.1	413.1
LG410N2W-L5	49.5	10.55	41.4	9.91	410	414.1	418.2
LG415N2W-L5	49.6	10.59	41.8	9.94	415	419.2	423.3
LG420N2W-L5	49.7	10.63	42.1	9.98	420	424.2	428.4
LG425N2W-L5	49.8	10.67	42.5	10.01	425	429.3	433.5
LG430N2W-L5	49.9	10.71	42.9	10.04	430	434.3	438.6
LGxxxN1C-N5 (xxx=310-370, in steps of 5)							
LG310N1C-N5	40.6	10.45	31.1	9.98	310	312.5	315.0
LG315N1C-N5	40.7	10.49	31.5	10.01	315	317.5	320.0
LG320N1C-N5	40.8	10.53	31.9	10.04	320	322.6	325.1
LG325N1C-N5	40.9	10.57	32.3	10.07	325	327.6	330.2
LG330N1C-N5	41.0	10.61	32.7	10.10	330	332.6	335.3
LG335N1C-N5	41.1	10.65	33.1	10.13	335	337.7	340.4
LG340N1C-N5	41.2	10.69	33.5	10.16	340	342.7	345.4
LG345N1C-N5	41.3	10.72	33.9	10.19	345	347.8	350.5
LG350N1C-N5	41.4	10.76	34.3	10.22	350	352.8	355.6
LG355N1C-N5	41.5	10.80	34.7	10.25	355	357.8	360.7
LG360N1C-N5	41.6	10.84	35.1	10.28	360	362.9	365.8
LG365N1C-N5	41.7	10.88	35.5	10.30	365	367.9	370.8
LG370N1C-N5	41.8	10.92	35.8	10.34	370	373.0	375.9
LGxxxN1W-N5 (xxx=310-370, in steps of 5)							
LG310N1W-N5	40.6	10.45	31.1	9.98	310	312.5	315.0
LG315N1W-N5	40.7	10.49	31.5	10.01	315	317.5	320.0
LG320N1W-N5	40.8	10.53	31.9	10.04	320	322.6	325.1
LG325N1W-N5	40.9	10.57	32.3	10.07	325	327.6	330.2
LG330N1W-N5	41.0	10.61	32.7	10.10	330	332.6	335.3
LG335N1W-N5	41.1	10.65	33.1	10.13	335	337.7	340.4
LG340N1W-N5	41.2	10.69	33.5	10.16	340	342.7	345.4



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LG345N1W-N5	41.3	10.72	33.9	10.19	345	347.8	350.5
LG350N1W-N5	41.4	10.76	34.3	10.22	350	352.8	355.6
LG355N1W-N5	41.5	10.80	34.7	10.25	355	357.8	360.7
LG360N1W-N5	41.6	10.84	35.1	10.28	360	362.9	365.8
LG365N1W-N5	41.7	10.88	35.5	10.30	365	367.9	370.8
LG370N1W-N5	41.8	10.92	35.8	10.34	370	373.0	375.9
LGxxxN1C-L5 (xxx=310-365, in steps of 5)							
LG310N1C-L5	40.3	10.44	30.9	10.04	310	313.1	316.2
LG315N1C-L5	40.4	10.48	31.3	10.07	315	318.2	321.3
LG320N1C-L5	40.5	10.52	31.7	10.10	320	323.2	326.4
LG325N1C-L5	40.6	10.56	32.1	10.13	325	328.3	331.5
LG330N1C-L5	40.7	10.60	32.5	10.16	330	333.3	336.6
LG335N1C-L5	40.8	10.64	32.9	10.19	335	338.4	341.7
LG340N1C-L5	40.9	10.68	33.3	10.22	340	343.4	346.8
LG345N1C-L5	41.0	10.72	33.7	10.24	345	348.5	351.9
LG350N1C-L5	41.1	10.76	34.1	10.27	350	353.5	357.0
LG355N1C-L5	41.2	10.80	34.5	10.29	355	358.6	362.1
LG360N1C-L5	41.3	10.84	34.9	10.32	360	363.6	367.2
LG365N1C-L5	41.4	10.88	35.3	10.34	365	368.7	372.3
LGxxxN1W-L5 (xxx=310-365, in steps of 5)							
LG310N1W-L5	40.3	10.44	30.9	10.04	310	313.1	316.2
LG315N1W-L5	40.4	10.48	31.3	10.07	315	318.2	321.3
LG320N1W-L5	40.5	10.52	31.7	10.10	320	323.2	326.4
LG325N1W-L5	40.6	10.56	32.1	10.13	325	328.3	331.5
LG330N1W-L5	40.7	10.60	32.5	10.16	330	333.3	336.6
LG335N1W-L5	40.8	10.64	32.9	10.19	335	338.4	341.7
LG340N1W-L5	40.9	10.68	33.3	10.22	340	343.4	346.8
LG345N1W-L5	41.0	10.72	33.7	10.24	345	348.5	351.9
LG350N1W-L5	41.1	10.76	34.1	10.27	350	353.5	357.0
LG355N1W-L5	41.2	10.80	34.5	10.29	355	358.6	362.1
LG360N1W-L5	41.3	10.84	34.9	10.32	360	363.6	367.2
LG365N1W-L5	41.4	10.88	35.3	10.34	365	368.7	372.3
LGxxxN1K-L5 (xxx=310-355, in steps of 5)							
LG310N1K-L5	40.3	10.36	31.2	9.94	310	313.1	316.2
LG315N1K-L5	40.4	10.40	31.6	9.97	315	318.2	321.3
LG320N1K-L5	40.5	10.44	32.0	10.01	320	323.2	326.4
LG325N1K-L5	40.6	10.48	32.4	10.04	325	328.3	331.5
LG330N1K-L5	40.7	10.52	32.8	10.07	330	333.3	336.6
LG335N1K-L5	40.8	10.56	33.2	10.10	335	338.4	341.7
LG340N1K-L5	40.9	10.60	33.6	10.12	340	343.4	346.8
LG345N1K-L5	41.0	10.64	34.0	10.15	345	348.5	351.9
LG350N1K-L5	41.1	10.68	34.4	10.18	350	353.5	357.0
LG355N1K-L5	41.2	10.72	34.8	10.21	355	358.6	362.1
LGxxxN1T-L5 (xxx=310-345, in steps of 5)							



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LG310N1T-L5	40.6	10.22	32.3	9.61	310	330	350
LG315N1T-L5	40.7	10.26	32.6	9.67	315	335	355
LG320N1T-L5	40.8	10.30	32.9	9.73	320	340	360
LG325N1T-L5	40.9	10.34	33.2	9.79	325	345	370
LG330N1T-L5	41.0	10.38	33.5	9.85	330	350	375
LG335N1T-L5	41.1	10.42	33.8	9.91	335	355	380
LG340N1T-L5	41.2	10.46	34.1	9.97	340	360	385
LG345N1T-L5	41.3	10.50	34.4	10.03	345	365	390
LGxxxN2T-L5 (xxx=400-415, in steps of 5)							
LG400N2T-L5	49.2	10.38	41.1	9.74	400	425	455
LG405N2T-L5	49.3	10.42	41.5	9.76	405	430	460
LG410N2T-L5	49.4	10.46	41.9	9.79	410	435	465
LG415N2T-L5	49.5	10.50	42.3	9.82	415	440	470
LGxxxN2T-B5 (xxx=425-440, in steps of 5)							
LG425N2T-B5	49.2	10.38	41.1	9.74	400	425	455
LG430N2T-B5	49.3	10.42	41.5	9.76	405	430	460
LG435N2T-B5	49.4	10.46	41.9	9.79	410	435	465
LG440N2T-B5	49.5	10.50	42.3	9.82	415	440	470
LGxxxN1C-A6 (xxx=355-385, in steps of 5)							
LG355N1C-A6	41.4	11.19	33.7	10.54	355	355.7	356.4
LG360N1C-A6	41.5	11.23	34.1	10.56	360	360.7	361.4
LG365N1C-A6	41.6	11.27	34.5	10.58	365	365.7	366.5
LG370N1C-A6	41.7	11.31	34.9	10.61	370	370.7	371.5
LG375N1C-A6	41.8	11.35	35.3	10.63	375	375.8	376.5
LG380N1C-A6	41.9	11.39	35.7	10.65	380	380.8	381.5
LG385N1C-A6	42.0	11.43	36.1	10.67	385	385.8	386.5
LGxxxN1W-A6 (xxx=355-385, in steps of 5)							
LG355N1W-A6	41.4	11.19	33.7	10.54	355	355.7	356.4
LG360N1W-A6	41.5	11.23	34.1	10.56	360	360.7	361.4
LG365N1W-A6	41.6	11.27	34.5	10.58	365	365.7	366.5
LG370N1W-A6	41.7	11.31	34.9	10.61	370	370.7	371.5
LG375N1W-A6	41.8	11.35	35.3	10.63	375	375.8	376.5
LG380N1W-A6	41.9	11.39	35.7	10.65	380	380.8	381.5
LG385N1W-A6	42.0	11.43	36.1	10.67	385	385.8	386.5
LGxxxN1K-A6 (xxx=345-370, in steps of 5)							
LG345N1K-A6	41.4	10.76	33.5	10.32	345	346.4	347.8
LG350N1K-A6	41.5	10.80	33.9	10.35	350	351.4	352.8
LG355N1K-A6	41.6	10.84	34.3	10.37	355	356.4	357.8
LG360N1K-A6	41.7	10.88	34.7	10.39	360	361.4	362.9
LG365N1K-A6	41.8	10.92	35.1	10.41	365	366.5	367.9
LG370N1K-A6	41.9	10.96	35.5	10.43	370	371.5	373.0
LGxxxN1K-B6 (xxx=345-370, in steps of 5)							
LG345N1K-B6	41.3	10.64	34.2	10.09	345	346.4	347.8
LG350N1K-B6	41.4	10.68	34.6	10.12	350	351.4	352.8



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Model	Open Circuit Voltage at STC (V dc)	Short Circuit Current at STC (A dc)	Rated Voltage at STC (V dc)	Rated Current at STC (A dc)	Rated Maximum Power at STC (Watts)	Rated Maximum Power at Bifi100(Watts)	Rated Maximum Power at Bifi200(Watts)
LG355N1K-B6	41.5	10.72	35.0	10.15	355	356.4	357.8
LG360N1K-B6	41.6	10.76	35.4	10.18	360	361.4	362.9
LG365N1K-B6	41.7	10.80	35.8	10.21	365	366.5	367.9
LG370N1K-B6	41.8	10.84	36.2	10.24	370	371.5	373.0
LGxxxN2W-E6 (xxx=430-470, in steps of 5)							
LG430N2W-E6	48.6	11.08	40.6	10.60	430	432	433
LG435N2W-E6	48.8	11.14	40.9	10.65	435	437	438
LG440N2W-E6	49.1	11.20	41.2	10.70	440	442	444
LG445N2W-E6	49.4	11.27	41.5	10.74	445	447	449
LG450N2W-E6	49.7	11.34	41.8	10.79	450	452	454
LG455N2W-E6	49.9	11.39	42.1	10.83	455	457	459
LG460N2W-E6	50.2	11.45	42.4	10.86	460	462	464
LG465N2W-E6	50.5	11.51	42.7	10.89	465	467	469
LG470N2W-E6	50.7	11.57	43.0	10.93	470	472	474
LGxxxN2W-E6.AW5 (xxx=430-470, in steps of 5)							
LG430N2W-E6.AW5	48.6	11.08	40.6	10.60	430	432	433
LG435N2W-E6.AW5	48.8	11.14	40.9	10.65	435	437	438
LG440N2W-E6.AW5	49.1	11.20	41.2	10.70	440	442	444
LG445N2W-E6.AW5	49.4	11.27	41.5	10.74	445	447	449
LG450N2W-E6.AW5	49.7	11.34	41.8	10.79	450	452	454
LG455N2W-E6.AW5	49.9	11.39	42.1	10.83	455	457	459
LG460N2W-E6.AW5	50.2	11.45	42.4	10.86	460	462	464
LG465N2W-E6.AW5	50.5	11.51	42.7	10.89	465	467	469
LG470N2W-E6.AW5	50.7	11.57	43.0	10.93	470	472	474
LGxxxN2T-E6 (xxx=420-440, in steps of 5)							
LG420N2T-E6	48.5	10.82	40.5	10.37	420	445	475
LG425N2T-E6	48.8	10.88	40.8	10.42	425	455	485
LG430N2T-E6	49.1	10.94	41.1	10.47	430	460	490
LG435N2T-E6	49.4	11.00	41.4	10.51	435	465	495
LG440N2T-E6	49.7	11.06	41.7	10.56	440	470	500
LGXXXN1C-E6 (xxx=355-390, in steps of 5)							
LG355N1C-E6	39.8	11.15	33.4	10.65	355	356	358
LG360N1C-E6	40.2	11.19	33.8	10.68	360	361	363
LG365N1C-E6	40.5	11.25	34.1	10.73	365	366	368
LG370N1C-E6	40.9	11.30	34.4	10.76	370	371	373



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Model	Open Circuit Voltage at STC (V dc)	Short Circuit Current at STC (A dc)	Rated Voltage at STC (V dc)	Rated Current at STC (A dc)	Rated Maximum Power at STC (Watts)	Rated Maximum Power at Bifi100(Watts)	Rated Maximum Power at Bifi200(Watts)
LG375N1C-E6	41.3	11.35	34.8	10.80	375	377	378
LG380N1C-E6	41.7	11.39	35.1	10.85	380	382	383
LG385N1C-E6	42.0	11.44	35.5	10.88	385	387	388
LG390N1C-E6	42.4	11.49	35.8	10.92	390	392	393
LGXXXN1W-E6 (xxx=355-390, in steps of 5)							
LG355N1W-E6	39.8	11.15	33.4	10.65	355	356	358
LG360N1W-E6	40.2	11.19	33.8	10.68	360	361	363
LG365N1W-E6	40.5	11.25	34.1	10.73	365	366	368
LG370N1W-E6	40.9	11.30	34.4	10.76	370	371	373
LG375N1W-E6	41.3	11.35	34.8	10.80	375	377	378
LG380N1W-E6	41.7	11.39	35.1	10.85	380	382	383
LG385N1W-E6	42.0	11.44	35.5	10.88	385	387	388
LG390N1W-E6	42.4	11.49	35.8	10.92	390	392	393
LGXXXN1K-E6 (xxx=350-380, in steps of 5)							
LG350N1K-E6	40.6	10.83	33.9	10.35	350	353	356
LG355N1K-E6	40.8	10.93	34.0	10.44	355	358	361
LG360N1K-E6	41.0	11.03	34.3	10.51	360	363	366
LG365N1K-E6	41.2	11.13	34.5	10.60	365	368	372
LG370N1K-E6	41.4	11.23	34.7	10.68	370	373	377
LG375N1K-E6	41.5	11.33	34.9	10.75	375	378	382
LG380N1K-E6	41.7	11.43	35.2	10.83	380	383	387
LGXXXN1T-E6 (xxx=345-365, in steps of 5)							
LG345N1T-E6	40.7	10.63	33.9	10.20	345	365	390
LG350N1T-E6	40.9	10.75	34.1	10.29	350	375	395
LG355N1T-E6	41.0	10.85	34.3	10.37	355	380	405
LG360N1T-E6	41.2	10.98	34.5	10.46	360	385	410
LG365N1T-E6	41.3	11.08	34.7	10.54	365	390	415

APPLICABLE REQUIREMENTS

CSA C22.2 No. 61730-1:19 Photovoltaic (PV) module safety qualification — Part 1: Requirements for construction, 2019-12.

CSA C22.2 No. 61730-2:19 Photovoltaic (PV) module safety qualification — Part 2: Requirements for testing, 2019-12.

UL 61730-1 1st: Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction, 2017-12-04, revision date 2020-04-30.

UL 61730-2 1st: Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Testing, 2017-12-04, revision date 2020-04-30.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80063861	2021-02-02	Update report 80041002 to add new model series LGxxxQAC-A6 & LGxxxQAK-A6, with new module dimension, update the certificate standard date.
80063862	2021-01-12	Update report 80041002 to add new factory Dehui (Vietnam), Taier Labs (Jiaxing) Co., Ltd. (APT) Qualification Assessment.
80063858	2021-01-12	Update report 80041002 to add new junction box adhesive for FT50xy.
80063857	2021-01-12	Update report 80041002 to add model series LGxxxN2W-E6.AW5, LGXXXN1K-E6, LGXXXN1T-E6 with new junction box FT50xy, new substrate TFB-30(plus).
80063856	2021-01-12	Update report 80041002 to add new potting and junction box adhesive combination for PV-JB12A.
80063855	2021-01-12	Update report 80041002 to add new cell (LC6NTS) with new model series LGxxxN2W-E6, LGXXXN1C-E6, LGXXXN1W-E6, LGxxxN2T-E6 with new junction box PV-JB12A, add a new factory (DMEGC), add new cell connector (0.34 diameter), add new flux (WTO-PV112B), add new fixing tape (UV-1), add new label (2M MAT CH PET TC/S-333, MZ0104, Ink, B324).
80063860	2020-12-25	Update report 80041002 to add new cell (LC6NRB-XXX) with new model series LGxxxQ1C-A6, LGxxxQ1K-A6, add a new POE (same material as previous) & EVA (same material as previous) combination (6(d)), add the black description for Cross Connectors.
80063859	2020-12-25	Update report 80041002 to add new cell (LC6NTCXXXX) with new model series LGxxxN1K-A6, LGxxxN1C-A6, LGxxxN1W-A6, add new series LGxxxN1K-B6 with same material combination as previous, add a new spec for Corss connector (6 x 0.3mm), add new flux (920CXF), add new position tape (3509PES).
80062846	2020-12-03	Update report 80041002 to add bifacial rating for LGxxxN2W-N5, LGxxxN2W-L5, LGxxxN1C-N5, LGxxxN1W-N5, LGxxxN1C-L5, LGxxxN1W-L5, LGxxxN1K-L5, LGxxxN1T-L5, LGxxxN2T-L5, LGxxxN2T-B5 series.
80041004	2020-08-25	Update report 80041002 to add new model series LGxxxN1T-L5, LGxxxN2T-L5, LGxxxN2T-B5 with new substrate (LB-P3(C)) according the CB report of VDE data TRPVM-2020-40102-1 (CB No.: DE1-63636-M3),



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revised the report (reduce the system voltage of LGxxxN2W-N5 series and layout of 72 cell module with higher spacing, correct the NOCT of LGxxxQ1C-N5 and LGxxxQ1K-N5 series, alternate a new short side frame for 60 cell module) according the CB report of VDE data TRPVM-2020-40320-1 (CB No.: DE1-63636-M2), revised the report (add a new combination of junction box adhesive - PV-8107 with substrate - LB-P3(C)) according the CB report of VDE data TRPVM-2020-40102-3 (CB No.: CB-DE1-63888).

80040999	2020-06-30	Update report 80041002 to add new manufacturer (LG Electronics USA Inc.).
80041001	2020-06-30	Update report 80041002 to add new substrate type BQ3RE 42 for LGxxxN2W-L5 series according the CB report of VDE data TRPVM-2020-40097-1 (Project: RJS00081).
80041005	2020-06-30	Update report 80041002 to add new model series LGxxxQ1C-N5/Q1K-N5 with new superstrate glass (FGG & Xinda), new substrate (LB-P2(B)) for model series LGxxxN1K-L5 according the CB report of VDE data TRPVM-2020-40097-1 (Project: RJS00084).
80041003	2020-06-30	Update report 80041002 to add new model series LGxxxN2W-N5, LGxxxN1C-N5, LGxxxN1W-N5 with new cell (LC6NA6-XXX), new substrate (LB-PVP(L)(W)), new junction box (GF20xy), new junction box adhesive (HT906Z) according the CB report of VDE data TRPVM-2020-40097-1 (Project: RJS00080).
80041002	2020-06-30	Original certificate, New model series LGxxxN2W-L5, LGxxxN1C-L5, LGxxxN1W-L5, alternate the bent busbar according the CB report of VDE data TRPVM-2020-40097-1 (Project: RJS00078).