



Product Service

Compliance Document

No. D 096602 0038 Rev. 00

Holder of Certificate: **LG Electronics Inc.**

168, Suchul-daero
Gumi-si, Gyeongsangbuk-do 39368
REPUBLIC OF KOREA

Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Mono-Crystalline Silicon Photovoltaic (PV) Modules

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. See also notes overleaf.

Test report no.: 077-2216219-000

Date, 2019-08-13

(In-Mo Sung)



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Model(s):

LGxxxN2W-V(A)5, xxx= 380 to 425 in step of 5
 LGyyyN1C(W)-V(A)5, yyy = 310, 315, 320, 325,
 330, 333, 335, 340, 345, 350, 355

Remark: xxx and yyy are standing for
 rated output power at STC

Parameters:

72 Cell				
Module type	LG380N2W-V5 LG380N2W-A5	LG385N2W-V5 LG385N2W-A5	LG390N2W-V5 LG390N2W-A5	LG395N2W-V5 LG395N2W-A5
Voc [V]	48.9 (-5/+5) %	49.0 (-5/+5) %	49.1 (-5/+5) %	49.2 (-5/+5) %
Vmp [V]	39	39.4	39.8	40.2
Imax [Adc]	9.75	9.78	9.81	9.83
Isc [Adc]	10.31 (-5/+5) %	10.35(-5/+5) %	10.39(-5/+5) %	10.43(-5/+5) %
Pmp [W]	380 (-0/+3) %	385(-0/+3) %	390(-0/+3) %	395(-0/+3) %
Maximum system voltage [V]	1500	1500	1500	1500
Maximum Over-Current Protection Rating [A]	20	20	20	20

Module type	LG400N2W-V5 LG400N2W-A5	LG405N2W-V5 LG405N2W-A5	LG410N2W-V5 LG410N2W-A5	LG415N2W-V5 LG415N2W-A5
Voc [V]	49.3 (-5/+5) %	49.4 (-5/+5) %	49.5 (-5/+5) %	49.6 (-5/+5) %
Vmp [V]	40.6	41	41.4	41.8
Imax [Adc]	9.86	9.89	9.91	9.94
Isc [Adc]	10.47 (-5/+5) %	10.51 (-5/+5) %	10.55(-5/+5) %	10.59 (-5/+5) %
Pmp [W]	400 (-0/+3) %	405 (-0/+3) %	410 (-0/+3) %	415 (-0/+3) %
Maximum system voltage [V]	1500	1500	1500	1500
Maximum Over-Current Protection Rating [A]	20	20	20	20

Module type	LG420N2W-V5 LG420N2W-A5	LG425N2W-V5 LG425N2W-A5		
Voc [V]	49.7 (-5/+5) %	49.8(-5/+5) %		
Vmp [V]	42.1	42.5		
Imax [Adc]	9.98	10.01		
Isc [Adc]	10.63 (-5/+5) %	10.67 (-5/+5) %		
Pmp [W]	420 (-0/+3) %	425 (-0/+3) %		
Maximum system voltage [V]	1500	1500		
Maximum Over-Current Protection Rating [A]	20	20		



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60 Cell				
Module type	LG310N1C-V5 LG310N1C-A5 LG310N1W-V5 LG310N1W-A5	LG315N1C-V5 LG315N1C-A5 LG315N1W-V5 LG315N1W-A5	LG320N1C-V5 LG320N1C-A5 LG320N1W-V5 LG320N1W-A5	LG325N1C-V5 LG325N1C-A5 LG325N1W-V5 LG325N1W-A5
Voc [V]	40.5 (-5/+5) %	40.6 (-5/+5) %	40.7 (-5/+5) %	40.8 (-5/+5) %
Vmp [V]	32.1	32.5	32.9	33.3
Imax [A]	9.67	9.7	9.74	9.77
Isc [A]	10.29 (-5/+5) %	10.33 (-5/+5) %	10.37 (-5/+5) %	10.41 (-5/+5) %
Pmp [W]	310 (-0/+3) %	315 (-0/+3) %	320 (-0/+3) %	325 (-0/+3) %
Maximum system voltage [V]	1000	1000	1000	1000
Maximum Over-Current Protection Rating [A]	20	20	20	20

Module type	LG330N1C-V5 LG330N1C-A5 LG330N1W-V5 LG330N1W-A5	LG333N1C-V5 LG333N1C-A5 LG333N1W-V5 LG333N1W-A5	LG335N1C-V5 LG335N1C-A5 LG335N1W-V5 LG335N1W-A5	LG340N1C-V5 LG340N1C-A5 LG340N1W-V5 LG340N1W-A5
Voc [V]	40.9 (-5/+5) %	40.9(-5/+5) %	41.0 (-5/+5) %	41.1 (-5/+5) %
Vmp [V]	33.7	33.9	34.1	34.5
Imax [A]	9.8	9.83	9.83	9.86
Isc [A]	10.45 (-5/+5) %	10.47 (-5/+5) %	10.49 (-5/+5) %	10.53 (-5/+5) %
Pmp [W]	330 (-0/+3) %	333 (-0/+3) %	335 (-0/+3) %	340 (-0/+3) %
Maximum system voltage [V]	1000	1000	1000	1000
Maximum Over-Current Protection Rating [A]	20	20	20	20

Module type	LG345N1C-V5 LG345N1C-A5 LG345N1W-V5 LG345N1W-A5	LG350N1C-V5 LG350N1C-A5 LG350N1W-V5 LG350N1W-A5	LG355N1C-V5 LG355N1C-A5 LG355N1W-V5 LG355N1W-A5	
Voc [V]	41.2 (-5/+5) %	41.3 (-5/+5) %	41.4 (-5/+5) %	
Vmp [V]	34.9	35.3	35.7	
Imax [A]	9.89	9.92	9.95	
Isc [A]	10.57 (-5/+5) %	10.61 (-5/+5) %	10.65 (-5/+5) %	
Pmp [W]	345 (-0/+3) %	350 (-0/+3) %	355 (-0/+3) %	
Maximum system voltage [V]	1000	1000	1000	
Maximum Over-Current Protection Rating [A]	20	20	20	

**Tested
according to:**

IEC 61701:2011