



Product Service

# Compliance Document

No. D 096602 0039 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.:** 077-2216419-000

**Date,** 2019-08-13

( In-Mo Sung )

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**Model(s):**

LGxxxN1K-V(A)5, xxx= 310 to 355 in step of 5

Remark: xxx is standing for rated output power at STC

**Parameters:**

60 Cell				
Module type	LG310N1K-V5 LG310N1K-A5	LG315N1K-V5 LG315N1K-A5	LG320N1K-V5 LG320N1K-A5	LG325N1K-V5 LG325N1K-A5
Voc [V]	40.6 (-5/+5) %	40.7 (-5/+5) %	40.8 (-5/+5) %	40.9 (-5/+5) %
Vmp [V]	32.5	32.9	33.3	33.7
I <sub>max</sub> [A <sub>dc</sub> ]	9.55	9.58	9.62	9.65
I <sub>sc</sub> [A <sub>dc</sub> ]	10.11 (-5/+5) %	10.15 (-5/+5) %	10.19 (-5/+5) %	10.23 (-5/+5) %
P <sub>mp</sub> [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	LG330N1K-V5 LG330N1K-A5	LG335N1K-V5 LG335N1K-A5	LG340N1K-V5 LG340N1K-A5	LG345N1K-V5 LG345N1K-A5
Voc [V]	41.0 (-5/+5) %	41.1 (-5/+5) %	41.2 (-5/+5) %	41.3 (-5/+5) %
Vmp [V]	34.1	34.5	34.9	35.3
I <sub>max</sub> [A <sub>dc</sub> ]	9.69	9.72	9.75	9.78
I <sub>sc</sub> [A <sub>dc</sub> ]	10.27 (-5/+5) %	10.31 (-5/+5) %	10.35 (-5/+5) %	10.39 (-5/+5) %
P <sub>mp</sub> [W]	330 (-0/+3) %	335 (-0/+3) %	340 (-0/+3) %	345 (-0/+3) %
Maximum system voltage [V]	1000	1000	1000	1000
Maximum Over-Current Protection Rating [A]	20	20	20	20

Module type	LG350N1K-V5 LG350N1K-A5	LG355N1K-V5 LG355N1K-A5		
Voc [V]	41.4 (-5/+5) %	41.5 (-5/+5) %		
Vmp [V]	35.7	36.1		
I <sub>max</sub> [A <sub>dc</sub> ]	9.81	9.84		
I <sub>sc</sub> [A <sub>dc</sub> ]	10.43 (-5/+5) %	10.47 (-5/+5) %		
P <sub>mp</sub> [W]	350 (-0/+3) %	355 (-0/+3) %		
Maximum system voltage [V]	1000	1000		
Maximum Over-Current Protection Rating [A]	20	20		

**Tested according to:**

IEC 61701:2011