



Product Service

Compliance Document

No. D 096602 0035 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.: 077-2189619-000

Date, 2019-08-12

(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
Imax [Adc]	9.55	9.58	9.62	9.65
Isc [Adc]	10.11 (-5/+5) %	10.15 (-5/+5) %	10.19 (-5/+5) %	10.23 (-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	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
Imax [Adc]	9.69	9.72	9.75	9.78
Isc [Adc]	10.27 (-5/+5) %	10.31 (-5/+5) %	10.35 (-5/+5) %	10.39 (-5/+5) %
Pmp [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		
Imax [Adc]	9.81	9.84		
Isc [Adc]	10.43 (-5/+5) %	10.47 (-5/+5) %		
Pmp [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 62716:2013