





Product Service

# Compliance Document

No. D 096602 0034 Rev. 00

## 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 [A]	9.75	9.78	9.81	9.83
Isc [A]	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 [A]	9.86	9.89	9.91	9.94
Isc [A]	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 [A]	9.98	10.01		
Isc [A]	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 [Adc]	9.67	9.7	9.74	9.77
Isc [Adc]	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 [Adc]	9.8	9.83	9.83	9.86
Isc [Adc]	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 [Adc]	9.89	9.92	9.95	
Isc [Adc]	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 62716:2013

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