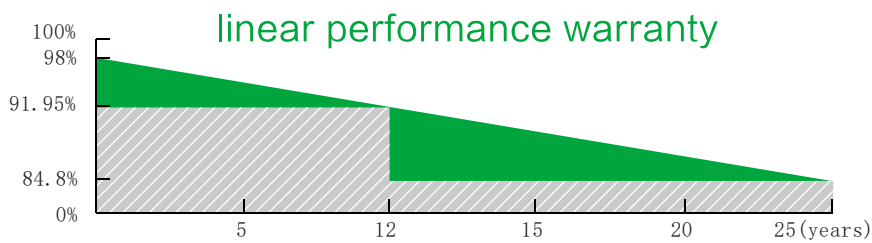
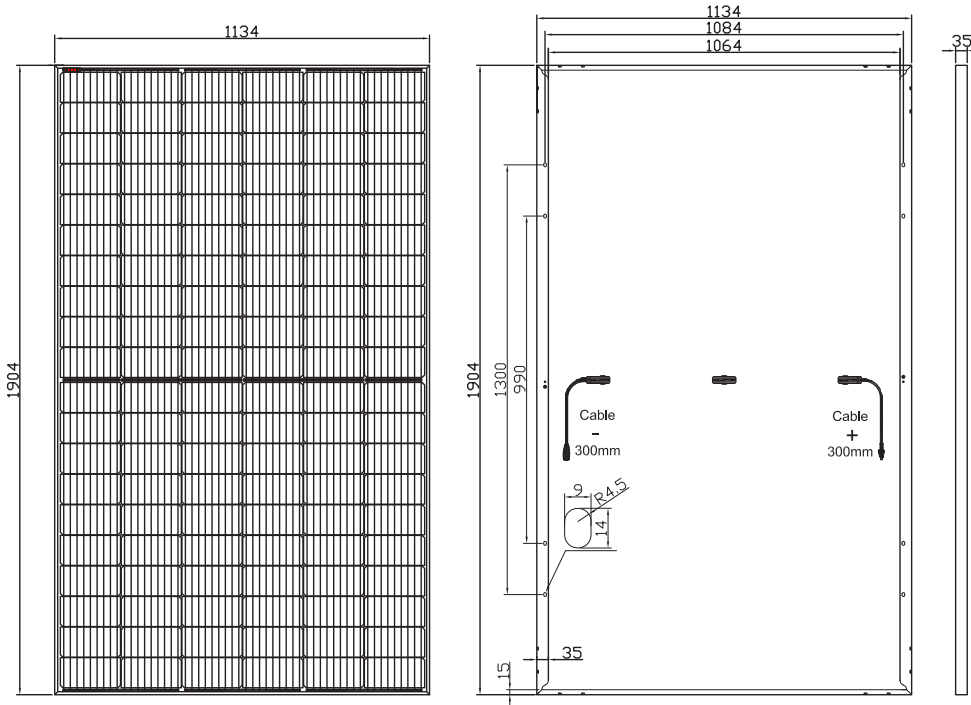


# LF460M10-60H

- LF440M10-60H
- LF445M10-60H
- LF450M10-60H
- LF455M10-60H



Ningbo Lefeng New Energy Co.,Ltd



**12** Years  
Material&Craft  
Quality  
assurance

**25** Years  
84.8% output  
Power  
guarantee



ISO9001  
ISO14001  
OHSAS18001



High Module Efficiency



Mechanical Load  
Capability up to 5400 Pa



Salt Mist Corrosion Protect  
Ammonia Resistance



Potential Induced  
Degradation Free

Ningbo Lefeng New Energy Co.,Ltd

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Tel: +86-0574-25758826

E-mail: Sales@lefnosolar.com

Add: No. 55 Haihe Road, Binhai Industrial Park, Xiangshan County, Ningbo, 315700, China



# LF460M10-60H

- LF440M10-60H
- LF445M10-60H
- LF450M10-60H
- LF455M10-60H



Ningbo Lefeng New Energy Co.,Ltd

## Electrical Characteristics

TYPE	LF 440M10-60H	LF 445M10-60H	LF 450M10-60H	LF 455M10-60H	LF 460M10-60H
POWER OUTPUT	440	445	450	455	460
MAXPOWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
MODULE EFFICIENCY (%)	20.4	20.6	20.8	21.0	21.3
VOLTAGE MPP Vmpp	34.25	34.42	34.59	34.76	34.93
CURRENT MPP Impp (A)	12.85	12.93	13.01	13.09	13.17
VOLTAGE OPEN CIRCUIT Voc	41.14	41.35	41.56	41.77	41.98
SHORT CIRCUIT CURRENT Isc (A)	13.61	13.70	13.79	13.88	13.96
POWER OUTPUT	338.02	341.86	345.70	349.54	353.39
VOLTAGE MPP Vmpp (V)	31.22	31.38	31.53	31.69	31.84
CURRENT MPP Impp (A)	10.82	10.89	10.96	11.03	11.10
VOLTAGE OPEN CIRCUIT Voc (V)	37.98	38.18	38.37	38.56	38.76
SHORT CIRCUIT CURRENT Isc (A)	11.58	11.66	11.73	11.80	11.88
TEMPERATURE COEFFICIENTS Isc (% / °C)			0.046		
TEMPERATURE COEFFICIENTS Voc (% / °C)			-0.266		
TEMPERATURE COEFFICIENTS Pmpp (% / °C)			-0.354		
NMOT (°C)			43±3°C		

## Mechanical Data

DIMENSIONS OF MODULE	1904*1134*35mm
WEIGHT(Kg)	23.8
CABLE	4mm <sup>2</sup>
GLASS	High transmission glass 3.2mm
JUNCTION BOX	IP68, 3 Bypass-Diode, 300mm in length
TYPE OF CONNECTOR	Compatible with MC 4 plug

## Packaging Configuration

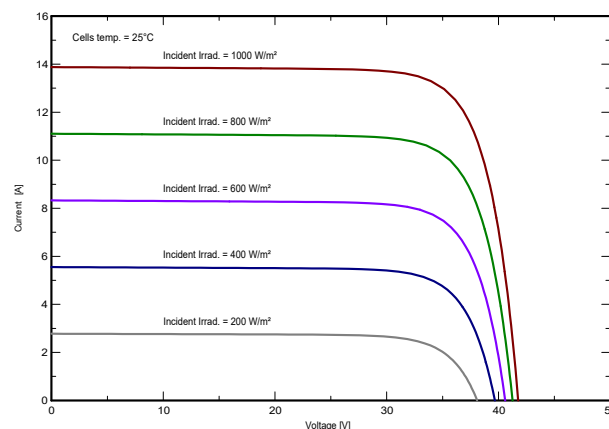
Loading Capacity	186 pcs/20GP
	744 pcs/40HC

## Contact Information

## Working Conditions

MAX SYSTEM VOLTAGE (VDC)	1500V
SERIES FUSE RATING	25A
MECHANICAL LOAD	5400Pa
OPERATING TEMPERATURE (°C)	-40~+85
APPLICATION CLASS	A

## I-V CURVES



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