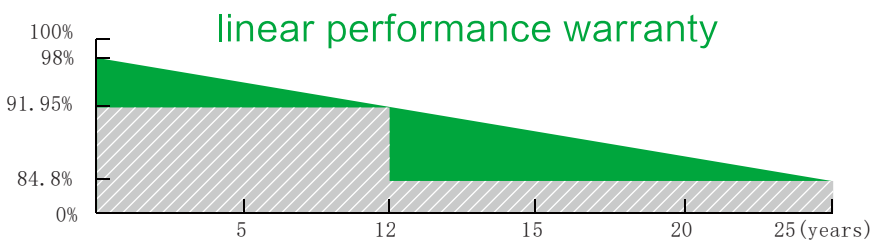
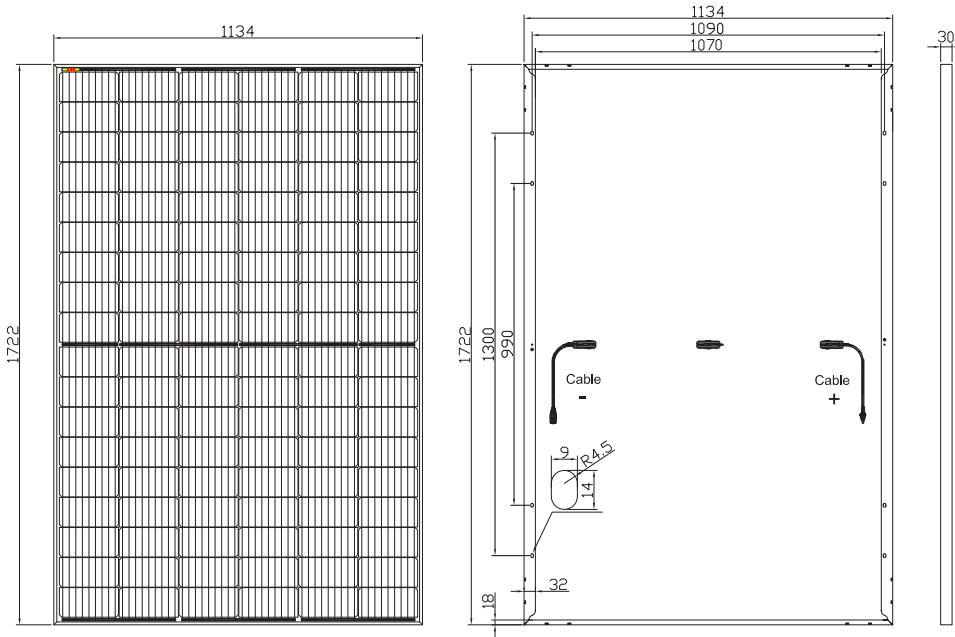


# LF415M10-54H

- LF395M10-54H
- LF400M10-54H
- LF405M10-54H
- LF410M10-54H



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: Marketing@lefnosolar.com

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



# LF415M10-54H

- LF395M10-54H
- LF400M10-54H
- LF405M10-54H
- LF410M10-54H



Ningbo Lefeng New Energy Co.,Ltd

## Electrical Characteristics

TYPE	LF395M10-54H	LF400M10-54H	LF405M10-54H	LF410M10-54H	LF415M10-54H
POWER OUTPUT	395	400	405	410	415
MAXPOWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
STC 1000W/M <sup>2</sup> Module Temperature 25°C A.M.1.5					
MODULE EFFICIENCY (%)	20.2	20.5	20.7	21.0	21.3
VOLTAGE MPP Vmpp	30.83	30.98	31.23	31.44	31.60
CURRENT MPP Impp (A)	12.81	12.91	12.97	13.04	13.13
VOLTAGE OPEN CIRCUIT Voc	36.92	37.10	37.33	37.58	37.77
SHORT CIRCUIT CURRENT Isc (A)	13.61	13.80	13.87	13.94	14.03
NOCT 800W/M <sup>2</sup> Environment Temperature 20°C A.M.1.5					
POWER OUTPUT	303.45	307.29	311.13	314.97	318.81
VOLTAGE MPP Vmpp (V)	28.10	28.25	28.46	28.66	28.81
CURRENT MPP Impp (A)	10.80	10.88	10.93	10.99	11.07
VOLTAGE OPEN CIRCUIT Voc (V)	34.08	34.25	34.46	34.69	34.87
SHORT CIRCUIT CURRENT Isc (A)	11.55	11.64	11.70	11.76	11.84
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	1722*1134*30mm
WEIGHT(Kg)	21.5
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

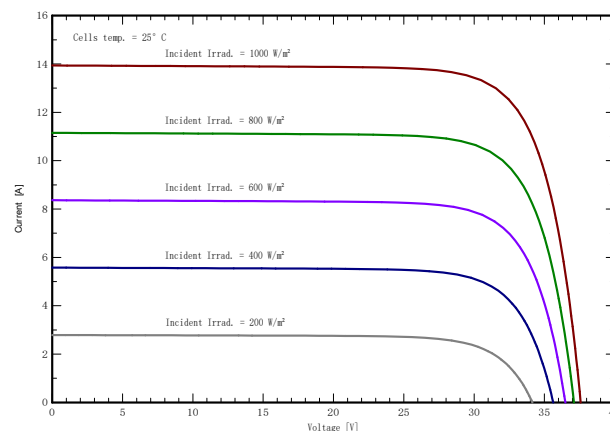
Loading Capacity	216 pcs/20GP
	936 pcs/40HC

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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