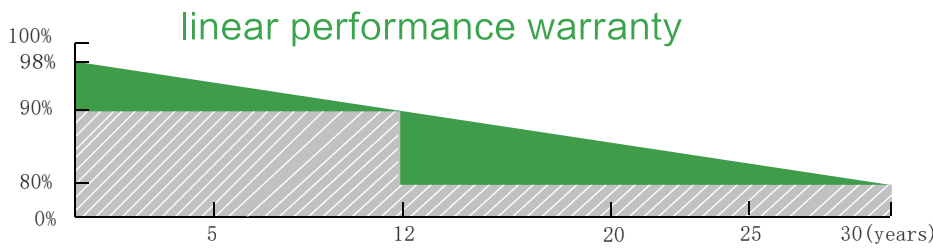
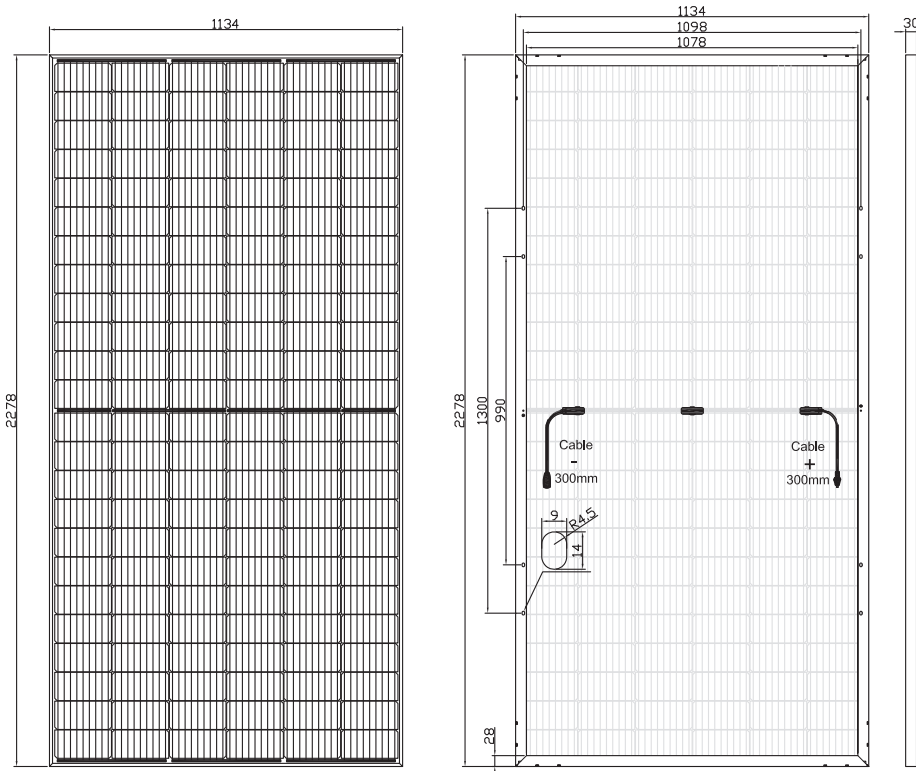


# LF550M10-72H/BF

- LF530M10-72H/BF
- LF535M10-72H/BF
- LF540M10-72H/BF
- LF545M10-72H/BF



Ningbo Lefeng New Energy Co.,Ltd



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

Tel: +86-0574-25709777

Tel: +86-0574-25758826

E-mail: Sales@lefnSolar.com

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



- LF530M10-72H/BF
- LF535M10-72H/BF
- LF540M10-72H/BF
- LF545M10-72H/BF

## Electrical Characteristics

	TYPE	LF530M10-72H/BF	LF535M10-72H/BF	LF540M10-72H/BF	LF545M10-72H/BF	LF550M10-72H/BF
STC 1000W/M <sup>2</sup> Temperature 25°C A.M.1.5	POWER OUTPUT	530	535	540	545	550
	MAX POWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
	MODULE EFFICIENCY(%)	20.5	20.7	20.9	21.1	21.3
	VOLTAGE MPP Vmpp(V)	41.38	41.58	41.79	42.00	42.21
	CURRENT MPP Impp (A)	12.81	12.87	12.92	12.98	13.03
	VOLTAGE OPEN CIRCUIT Voc (V)	49.43	49.68	49.93	50.18	50.43
NOCT 800W/M <sup>2</sup> Environment Temperature 20°C A.M.1.5	SHORT CIRCUIT CURRENT Isc(A)	13.64	13.70	13.76	13.82	13.88
	POWER OUTPUT	407.16	411.01	414.84	418.68	422.52
	VOLTAGE MPP Vmpp(V)	37.72	37.90	38.09	38.28	38.48
	CURRENT MPP Impp (A)	10.79	10.84	10.89	10.94	10.98
	VOLTAGE OPEN CIRCUIT Voc (V)	45.63	45.86	46.09	46.32	46.55
	SHORT CIRCUIT CURRENT Isc(A)	11.55	11.60	11.65	11.70	11.75
Different rear side power gain	Pmax Gain	Pmpp	Pmpp	Pmpp	Pmpp	Pmpp
	5%	557W	562W	567W	572W	578W
	10%	583W	589W	594W	600W	605W
	15%	610W	615W	621W	627W	633W
	20%	636W	642W	648W	654W	660W
TEMPERATURE COEFFICIENTS Isc (%/°C)						0.046
TEMPERATURE COEFFICIENTS Voc (%/°C)						-0.266
TEMPERATURE COEFFICIENTS Pmpp (%/°C)						-0.354
NOCT (°C)						45±2°C

## Mechanical Data

DIMENSIONS OF MODULE	2278*1134*30mm
WEIGHT(Kg)	32.0
CABLE	4mm <sup>2</sup>
Front & Back Glass	2.0mm-2.0mm
JUNCTION BOX	IP68, 3 Bypass-Diode, 300mm in length
TYPE OF CONNECTOR	Compatible with MC 4 plug

## Packaging Configuration

Loading Capacity	180 pcs/20GP
	720 pcs/40HC

Contact Information

## Working Conditions

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

## I-V CURVES

