

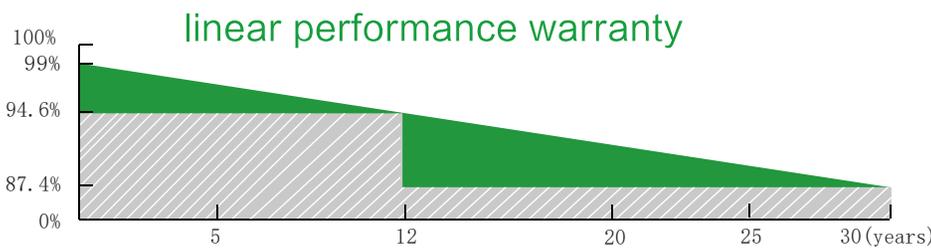
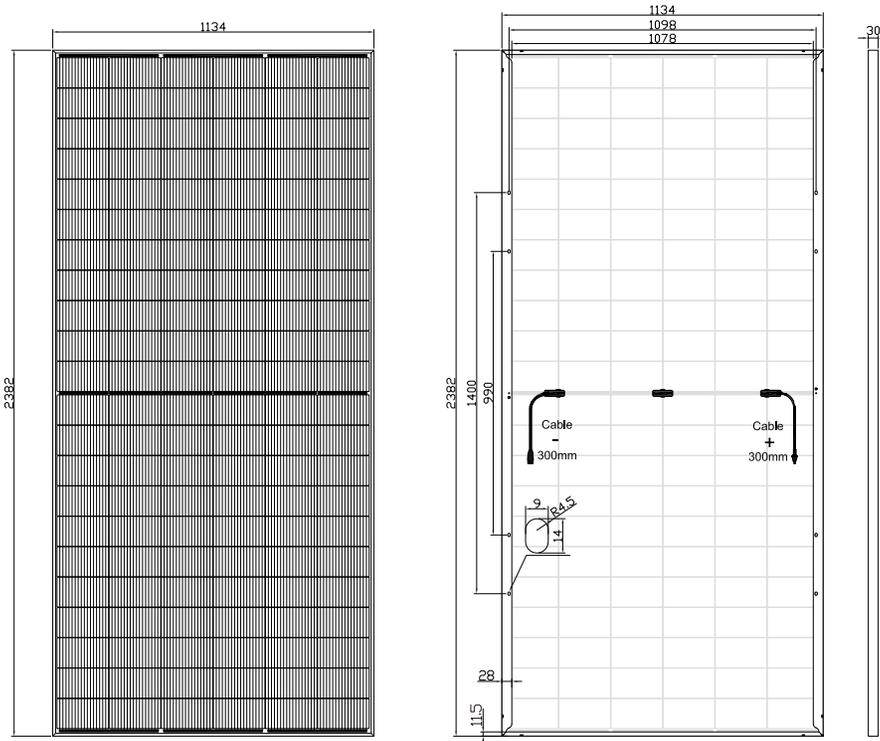
N-type LF650M10N-66H/BF

- LF630M10N-66H/BF
- LF635M10N-66H/BF
- LF640M10N-66H/BF
- LF645M10N-66H/BF

BIFACIAL MODULE
WITH DUAL GLASS



Ningbo Lefeng New Energy Co.,Ltd



12 Years
Material & Craft
Quality
assurance

30 Years
87.4% 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

Tel: +86-0574-25709777

Tel: +86-0574-25758826

E-mail: Sales@lefn solar.com

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



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Electrical Characteristics

	TYPE	LF630M10N-66H/BF	LF635M10N-66H/BF	LF640M10N-66H/BF	LF645M10N-66H/BF	LF650M10N-66H/BF	
STC 1000W/M ²	POWER OUTPUT	630	635	640	645	650	
	MAX POWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W	
	MODULE EFFICIENCY(%)	23.3	23.5	23.7	23.9	24.1	
	Temperature 25°C A.M.1.5	VOLTAGE MPP V _{mpp} (V)	41.29	41.48	41.67	41.86	42.05
		CURRENT MPP I _{mpp} (A)	15.26	15.31	15.36	15.41	15.46
VOLTAGE OPEN CIRCUIT V _{oc} (V)		49.68	49.91	50.14	50.37	50.60	
SHORT CIRCUIT CURRENT I _{sc} (A)		16.17	16.23	16.28	16.33	16.39	
NOCT 800W/M ² Environmen Temperatur 20°C A.M.1.5	POWER OUTPUT	478.8	482.6	486.4	490.2	494.0	
	VOLTAGE MPP V _{mpp} (V)	37.86	38.03	38.20	38.37	38.54	
	CURRENT MPP I _{mpp} (A)	12.65	12.69	12.73	12.78	12.82	
	VOLTAGE OPEN CIRCUIT V _{oc} (V)	46.23	46.44	46.65	46.86	47.07	
	SHORT CIRCUIT CURRENT I _{sc} (A)	13.53	13.58	13.62	13.67	13.72	
Different rear side power gain	Pmax Gain	P _{mpp}	P _{mpp}	P _{mpp}	P _{mpp}	P _{mpp}	
	5%	662W	667W	672W	677W	683W	
	10%	693W	699W	704W	710W	715W	
	15%	725W	730W	736W	742W	748W	
	20%	756W	762W	768W	774W	780W	
TEMPERATURE COEFFICIENTS I _{sc} (%/°C)				0.045			
TEMPERATURE COEFFICIENTS V _{oc} (%/°C)				-0.250			
TEMPERATURE COEFFICIENTS P _{mpp} (%/°C)				-0.290			
NMOT (°C)				43±3°C			

Mechanical Data

Number of Cells	132(6*11*2)/182*105mm
DIMENSIONS OF MODULE	2382*1134*30 mm
WEIGHT(Kg)	32.5
CABLE	4mm ²
Front & Back Glass	2.0mm-2.0mm
JUNCTION BOX	IP68, 3 Bypass-Diode, 300mm in length
TYPE OF CONNECTOR	Compatible with MC 4 plug
FRAME	Anodized Aluminum Alloy Frame

Packaging Configuration

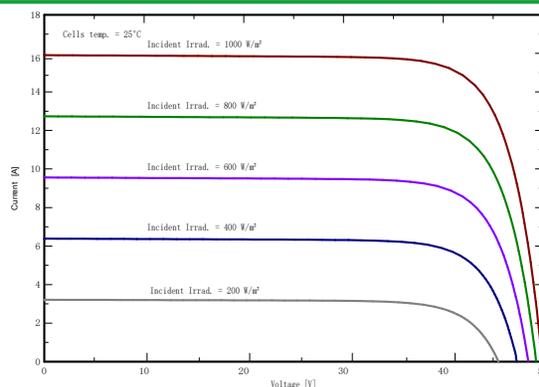
Loading Capacity	148 pcs/20GP
	740 pcs/40HC

Contact Information

Working Conditions

MAX SYSTEM VOLTAGE	1500V
SERIES FUSE RATING	35A
MECHANICAL LOAD	5400Pa
OPERATING TEMPERATURE (°C)	-40~+85
APPLICATION CLASS	A

I-V CURVES



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