

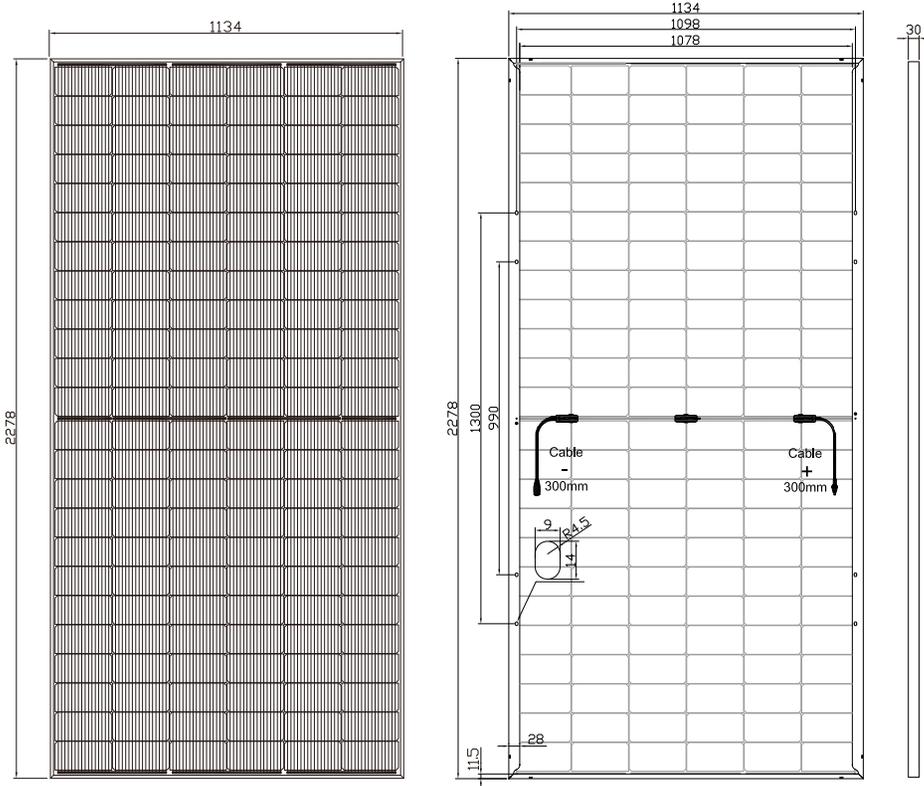
N-type LF600M10N-72H/BF

- LF580M10N-72H/BF
- LF585M10N-72H/BF
- LF590M10N-72H/BF
- LF595M10N-72H/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

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



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Electrical Characteristics

	TYPE	LF580M10N-72H/BF	LF585M10N-72H/BF	LF590M10N-72H/BF	LF595M10N-72H/BF	LF600M10N-72H/BF
STC 1000W/M ² Temperature 25°C A.M.1.5	POWER OUTPUT	580	585	590	595	600
	MAX POWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
	MODULE EFFICIENCY(%)	22.4	22.6	22.8	23.0	23.2
	VOLTAGE MPP Vmpp(V)	42.87	43.05	43.23	43.40	43.58
	CURRENT MPP Impp (A)	13.53	13.59	13.65	13.71	13.77
	VOLTAGE OPEN CIRCUIT Voc (V)	51.43	51.63	51.83	52.03	52.24
NOCT 800W/M ² Environmen Temperatur 20°C A.M.1.5	SHORT CIRCUIT CURRENT Isc(A)	14.30	14.36	14.41	14.47	14.52
	POWER OUTPUT	440.8	444.6	448.4	452.2	456.0
	VOLTAGE MPP Vmpp(V)	39.25	39.41	39.57	39.73	39.89
	CURRENT MPP Impp(A)	11.23	11.28	11.33	11.38	11.43
	VOLTAGE OPEN CIRCUIT Voc (V)	47.81	47.99	48.18	48.37	48.56
	SHORT CIRCUIT CURRENT Isc(A)	12.02	12.07	12.13	12.18	12.24
Different rear side power gain	Pmax Gain	Pmpp	Pmpp	Pmpp	Pmpp	Pmpp
	5%	609W	614W	620W	625W	630W
	10%	638W	644W	649W	655W	660W
	15%	667W	673W	679W	684W	690W
	20%	696W	702W	708W	714W	720W
TEMPERATURE COEFFICIENTS Isc (%/°C)			0.045			
TEMPERATURE COEFFICIENTS Voc (%/°C)			-0.250			
TEMPERATURE COEFFICIENTS Pmpp (%/°C)			-0.290			
NMOT (°C)			43±3°C			

Mechanical Data

Number of Cells	144(6*12*2)/182*91mm
DIMENSIONS OF MODULE	2278*1134*30 mm
WEIGHT(Kg)	31.0
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

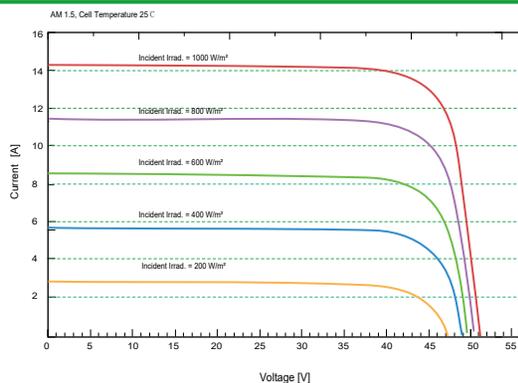
Loading Capacity	185 pcs/20GP
	740 pcs/40HC

Contact Information

Working Conditions

MAX SYSTEM VOLTAGE	1500V
SERIES FUSE RATING	30A
MECHANICAL LOAD	5400Pa
OPERATING TEMPERATURE (°C)	-40~+85
APPLICATION CLASS	A

I-V CURVES



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