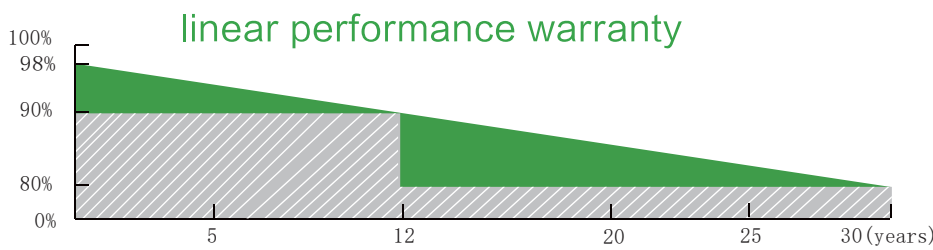
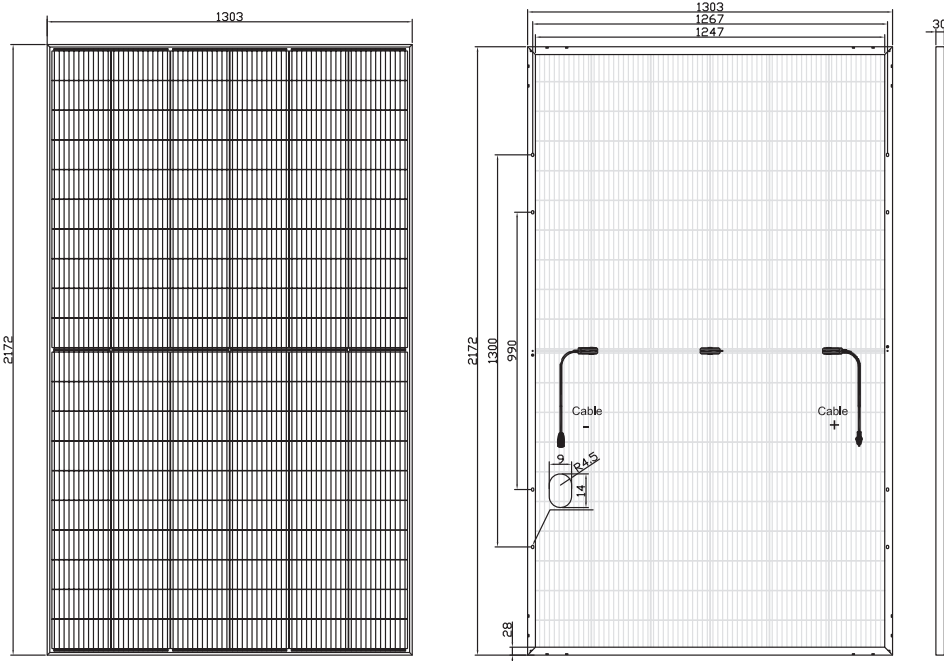


LF610M12-60H/BF

- LF590M12-60H/BF
- LF595M12-60H/BF
- LF600M12-60H/BF
- LF605M12-60H/BF



Ningbo Lefeng New Energy Co.,Ltd



12 Years
Material & Craft
Quality assurance

30 Years
80% 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



LF610M12-60H/BF

- LF590M12-60H/BF
- LF595M12-60H/BF
- LF600M12-60H/BF
- LF605M12-60H/BF



Ningbo Lefeng New Energy Co.,Ltd

Electrical Characteristics

	TYPE	LF590M12-60H/BF	LF595M12-60H/BF	LF600M12-60H/BF	LF605M12-60H/BF	LF610M12-60H/BF
STC 1000W/M ² Temperature 25°C A.M.1.5	POWER OUTPUT	590	595	600	605	610
	MAX POWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
	MODULE EFFICIENCY(%)	20.8	21.0	21.2	21.4	21.6
	VOLTAGE MPP Vmpp(V)	34.27	34.44	34.61	34.78	34.94
	CURRENT MPP Impp (A)	17.22	17.28	17.34	17.40	17.46
	VOLTAGE OPEN CIRCUIT Voc (V)	41.50	41.71	41.92	42.13	42.34
	SHORT CIRCUIT CURRENT Isc(A)	18.34	18.40	18.46	18.53	18.59
NOCT 800W/M ² Environmen Temperatur 20°C A.M.1.5	POWER OUTPUT	453.25	457.09	460.93	464.77	468.62
	VOLTAGE MPP Vmpp(V)	31.24	31.39	31.55	31.71	31.85
	CURRENT MPP Impp (A)	14.51	14.56	14.61	14.66	14.71
	VOLTAGE OPEN CIRCUIT Voc (V)	38.31	38.51	38.70	38.89	39.08
	SHORT CIRCUIT CURRENT Isc(A)	15.52	15.58	15.63	15.68	15.74
Different rear side power gain	Pmax Gain	Pmpp	Pmpp	Pmpp	Pmpp	Pmpp
	5%	620W	625W	630W	635W	641W
	10%	649W	655W	660W	666W	671W
	15%	679W	684W	690W	696W	702W
	20%	708W	714W	720W	726W	732W
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	2172*1303*30mm
WEIGHT(Kg)	35.0
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

Packaging Configuration

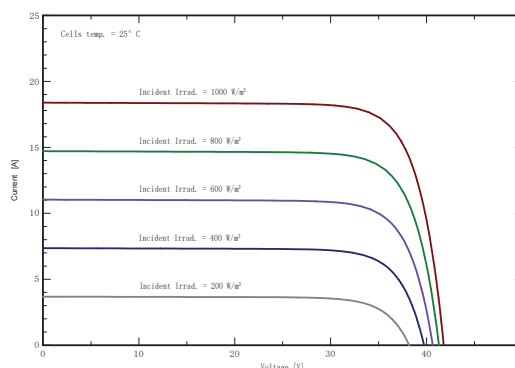
Loading Capacity	180 pcs/20GP
	648 pcs/40HC

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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