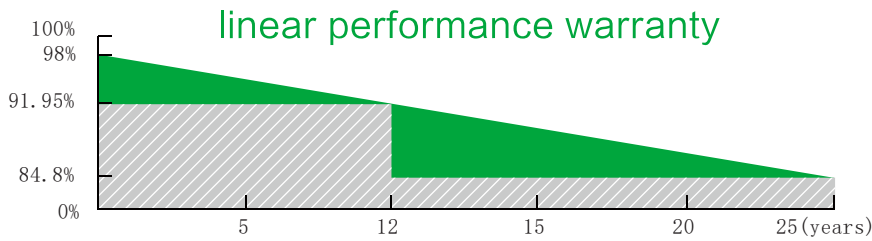
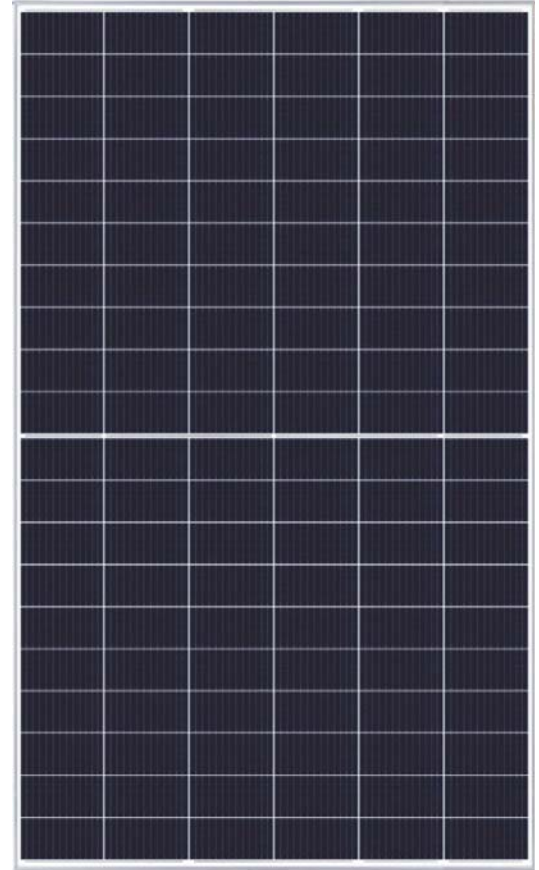
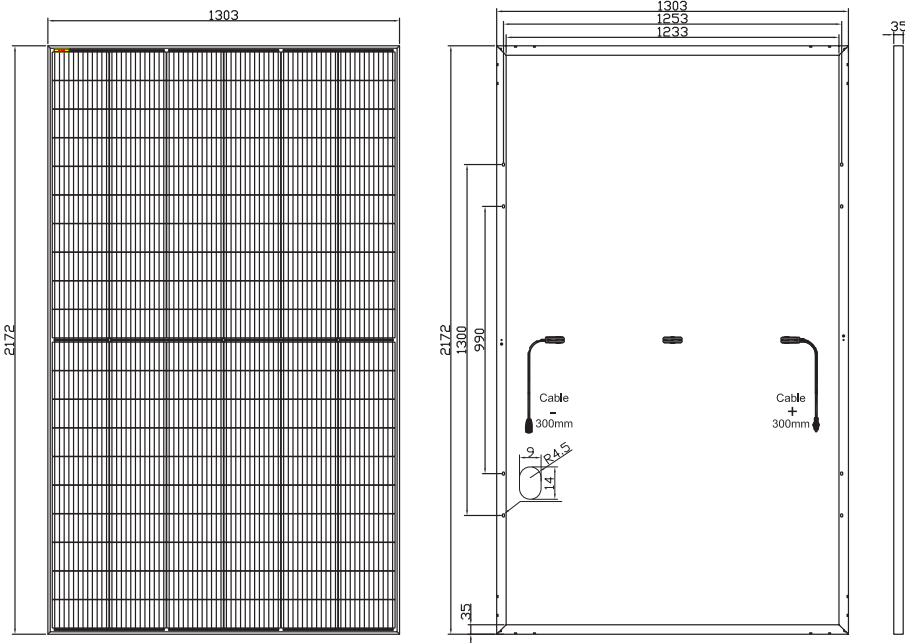


LF610M12-60H

- LF590M12-60H
- LF595M12-60H
- LF600M12-60H
- LF605M12-60H



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: Sales@lefn solar.com

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



LF610M12-60H

- LF590M12-60H
- LF595M12-60H
- LF600M12-60H
- LF605M12-60H



Ningbo Lefeng New Energy Co.,Ltd

Electrical Characteristics

	TYPE	LF590M12-60H	LF595M12-60H	LF600M12-60H	LF605M12-60H	LF610M12-60H
STC 1000W/M ² Module Temperature 25°C A.M.1.5	POWER OUTPUT	590	595	600	605	610
	MAXPOWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
	MODULE EFFICIENCY (%)	20.85	21.02	21.20	21.38	21.55
	VOLTAGE MPP Vmpp	34.14	34.35	34.54	34.75	34.92
	CURRENT MPP Imp (A)	17.28	17.32	17.37	17.41	17.47
	VOLTAGE OPEN CIRCUIT Voc	41.44	41.64	41.84	42.04	42.25
	SHORT CIRCUIT CURRENT Isc (A)	18.40	18.45	18.50	18.54	18.61
NOCT 800W/M ² Environment Temperature 20°C A.M.1.5	POWER OUTPUT	453.25	457.09	460.93	464.78	468.62
	VOLTAGE MPP Vmpp (V)	31.12	31.31	31.49	31.68	31.83
	CURRENT MPP Imp (A)	14.56	14.60	14.64	14.67	14.72
	VOLTAGE OPEN CIRCUIT Voc (V)	38.26	38.44	38.63	38.81	39.01
	SHORT CIRCUIT CURRENT Isc (A)	15.66	15.69	15.74	15.77	15.83
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	2172*1303*35mm
WEIGHT(Kg)	31.5
CABLE	4mm ²
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

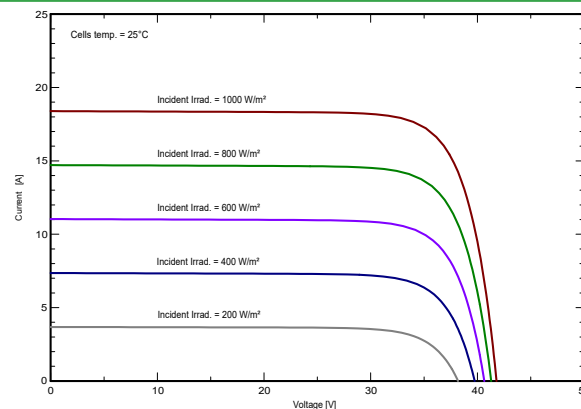
Loading Capacity	155 pcs/20GP
	558 pcs/40HC

Contact Information

Working Conditions

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

I-V CURVES



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