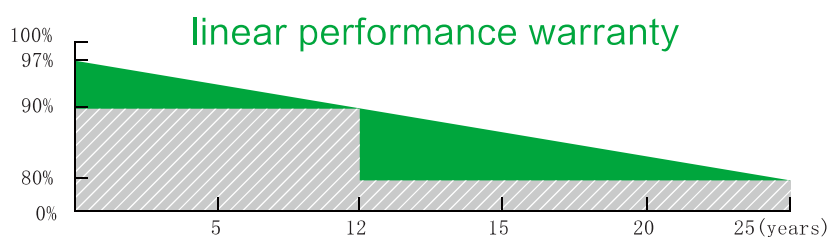
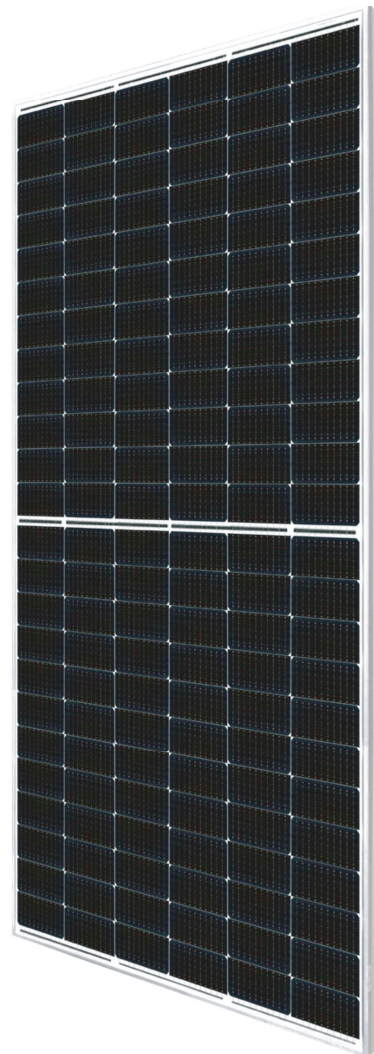
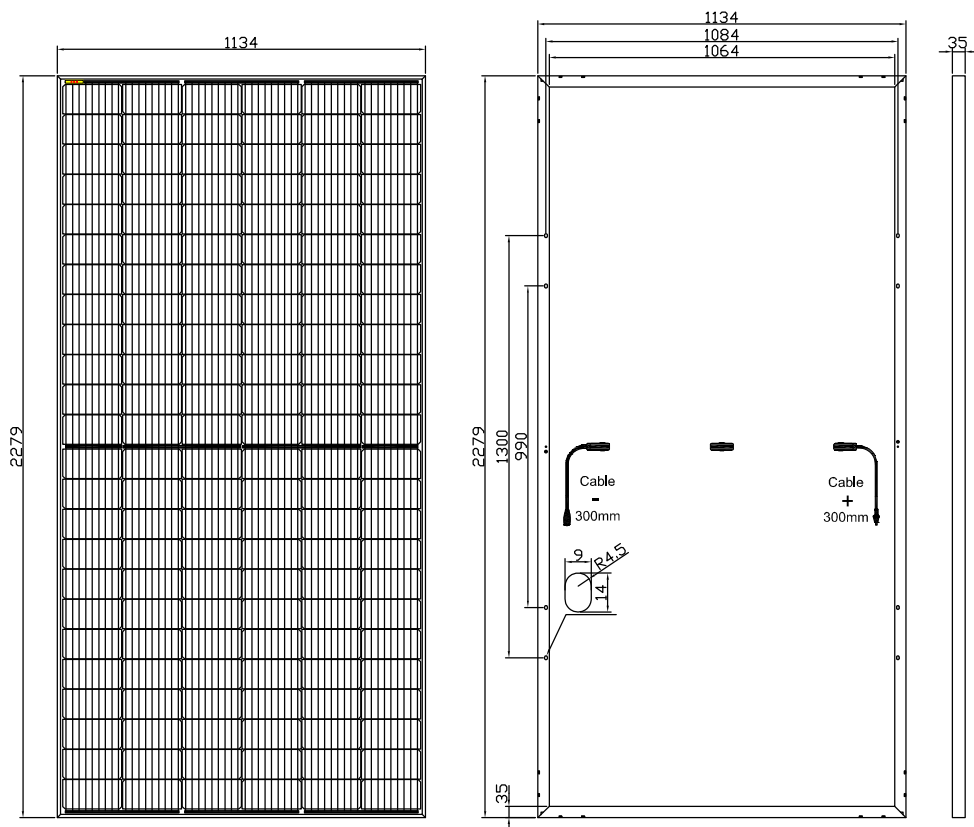




中机合作
SINOMACH-INT

545M10-72H

- LF535M10-72H
- LF540M10-72H
- LF550M10-72H
- LF555M10-72H



12 Years
Material & Craft
Quality
assurance

25 Years
80% output
Power
guarantee



ISO9001
ISO14001
OHSAS18001



High Module Efficiency



Mechanical Load
Capability up to 8000 Pa



Salt Mist Corrosion Protect
Ammonia Resistance



Potential Induced
Degradation Free

中国机械工业国际合作有限公司
China Machinery Industry International Cooperation Co., Ltd.

河南省郑州市郑东新区地润路18号建业总部港A座
Building A, Jian Ye Zongbugang, No.18 Dirun Road, Zheng Dong New District, Zhengzhou, Henan

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545M10-72H

- LF535M10-72H
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- LF555M10-72H

Electrical Characteristics

TYPE		LF 535M10-72H	LF 540M10-72H	LF 545M10-72H	LF 550M10-72H	LF 555M10-72H
STC 1000W/M ² Module Temperature 25°C A.M.1.5	POWER OUTPUT	535	540	545	550	555
	MAX POWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
	MODULE EFFICIENCY (%)	20.7	20.9	21.1	21.3	21.5
	VOLTAGE MPP V _{mpp}	41.51	41.7	41.92	42.11	42.31
	CURRENT MPP I _{mp} (A)	12.89	12.95	13.00	13.06	13.12
	VOLTAGE OPEN CIRCUIT V _{oc}	49.87	49.95	50.04	50.28	50.53
NOCT 800W/M ² Environment Temperature 20°C A.M.1.5	SHORT CIRCUIT CURRENT I _{sc} (A)	13.68	13.74	13.80	13.86	13.93
	POWER OUTPUT	411.01	414.85	418.69	422.53	426.37
	VOLTAGE MPP V _{mpp} (V)	37.83	38.01	38.21	38.39	38.57
	CURRENT MPP I _{mp} (A)	10.86	10.91	10.96	11.01	11.06
	VOLTAGE OPEN CIRCUIT V _{oc} (V)	46.04	46.12	46.2	46.42	46.65
	SHORT CIRCUIT CURRENT I _{sc} (A)	11.63	11.68	11.73	11.78	11.83
TEMPERATURE COEFFICIENTS I _{sc} (% / °C)		0.046				
TEMPERATURE COEFFICIENTS V _{oc} (% / °C)		-0.266				
TEMPERATURE COEFFICIENTS P _{mp} (% / °C)		-0.354				
NOCT (°C)		45±2°C				

Mechanical Data

DIMENSIONS OF MODULE	2279*1134*35mm
WEIGHT(Kg)	28.5
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

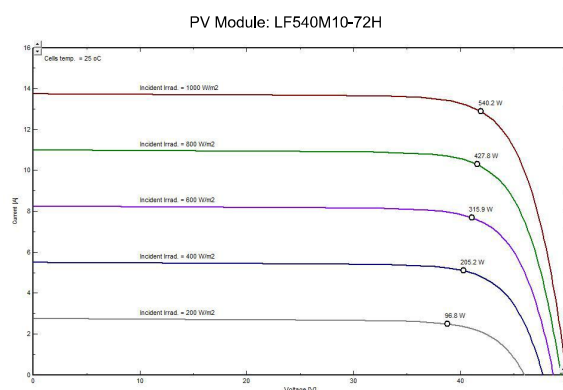
Loading Capacity	155 pcs/20GP
	620 pcs/40HC

Contact Information

Working Conditions

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

I-V CURVES



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