

N-TYPE MODULE **435-455W**

n-type Single Glass
High Efficiency
Module

- Higher power generation better LCOE
- n-type with very Lower LID
- Better Temperature Coefficient
- Better low irradiance response
- 12-year product warranty
- 25-year linear power output warranty



22.8%

Maximum
conversion efficiency

0-+5W

Power tolerance

1%

First year
power attenuation

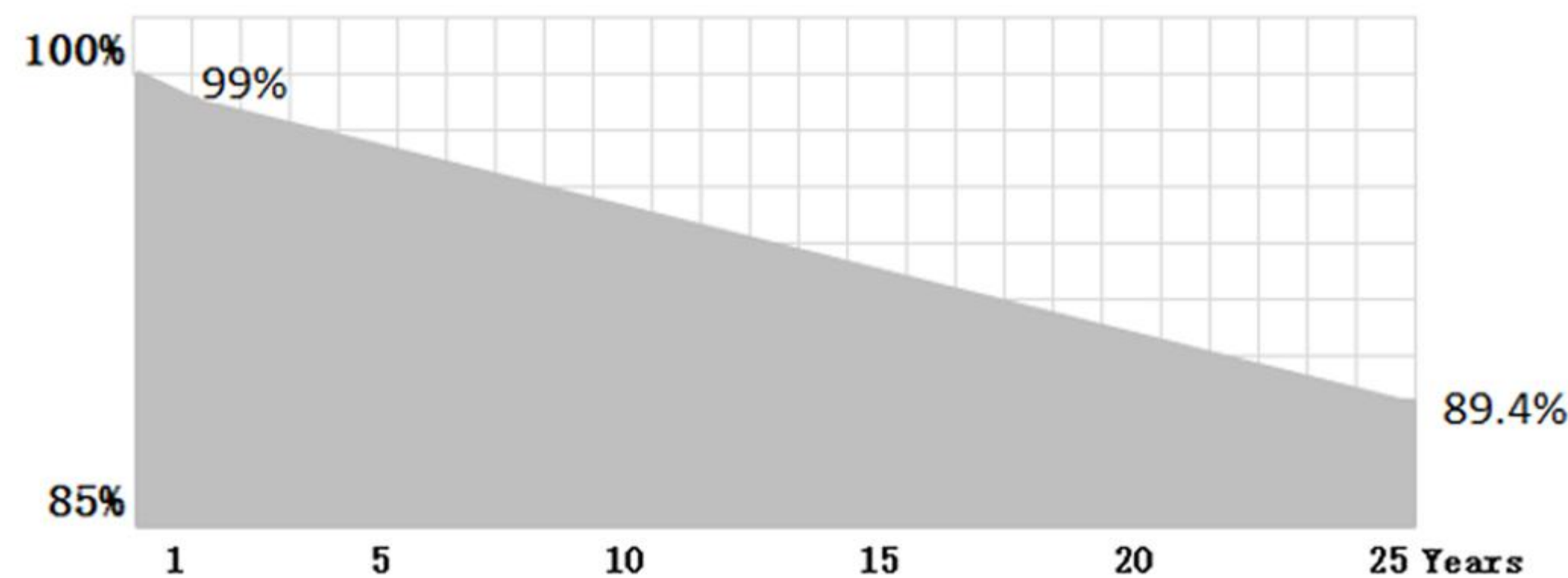
0.4%

Annual power
attenuation for 2-30 years

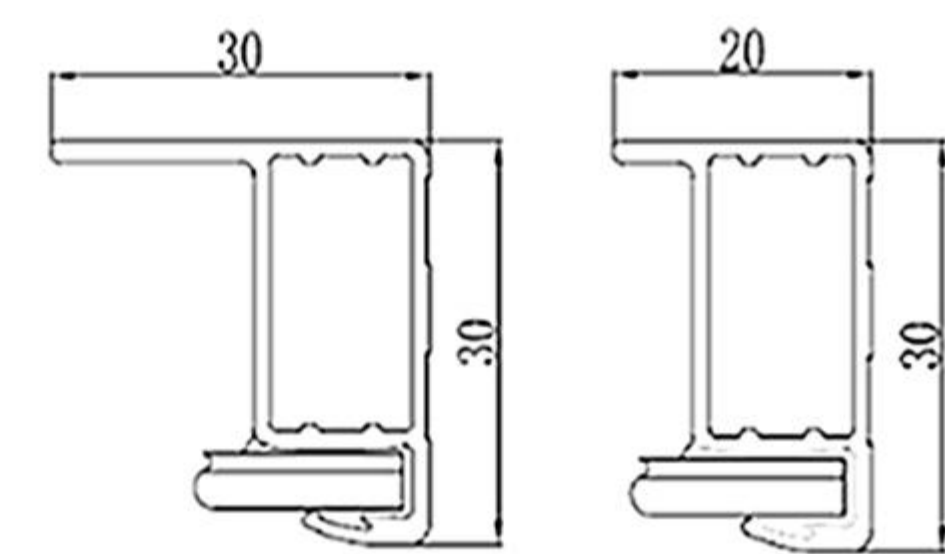
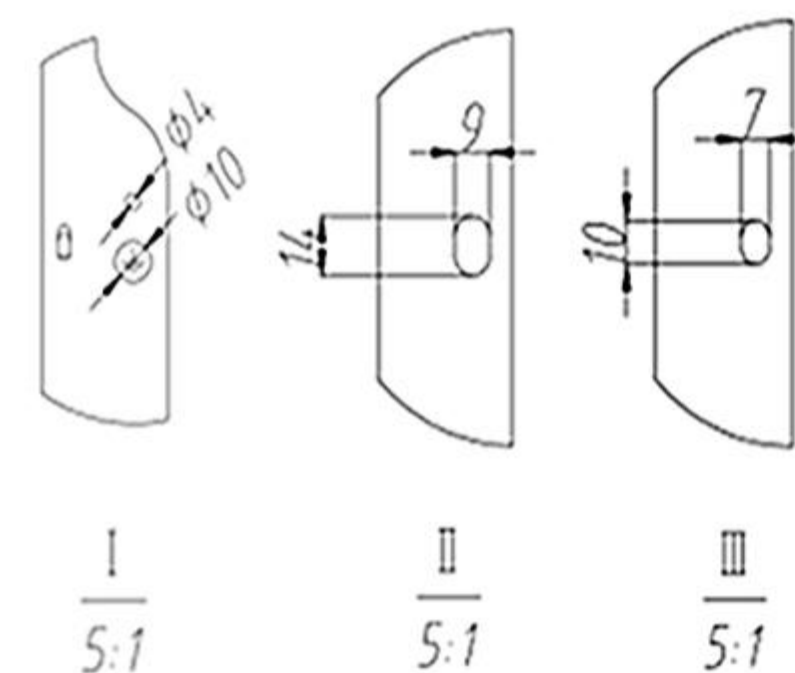
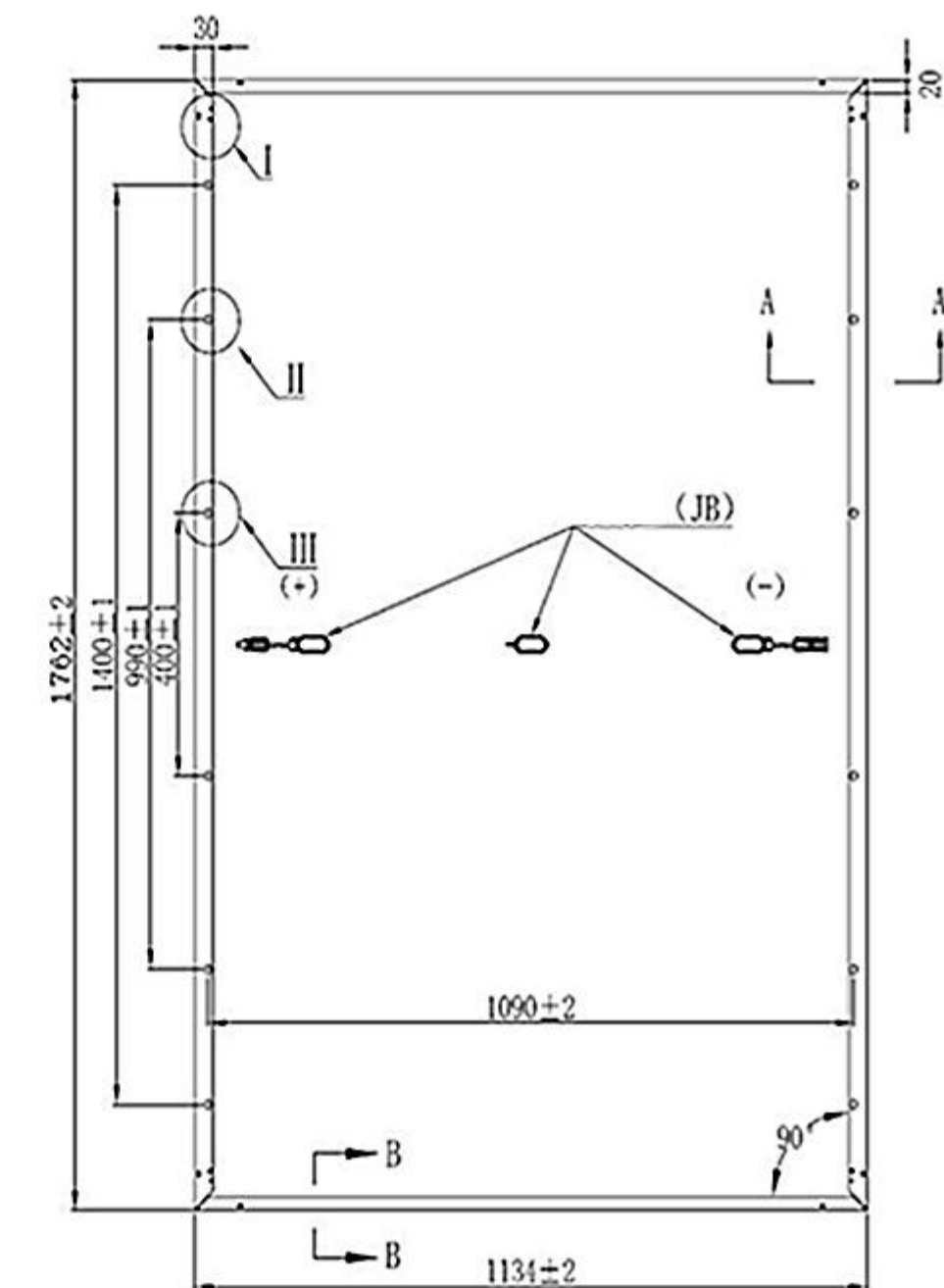
HALF-SLICE TECHNIQUE

Lower temperature coefficient

EXCESS EARNINGS



Solar Cells:	Mono
Number of Cells:	108pcs
Module Dimension :	1762×1134×30mm
Weight:	21.5kg±3%
Snow/Wind Load:	5400/2400 Pa
Thickness of Glass:	3.2mm
Junction Box:	IP68, 3 Diodes
Connector:	HTC-16, IP68
Length:	(+)290mm /(-) 300mm(including connector)



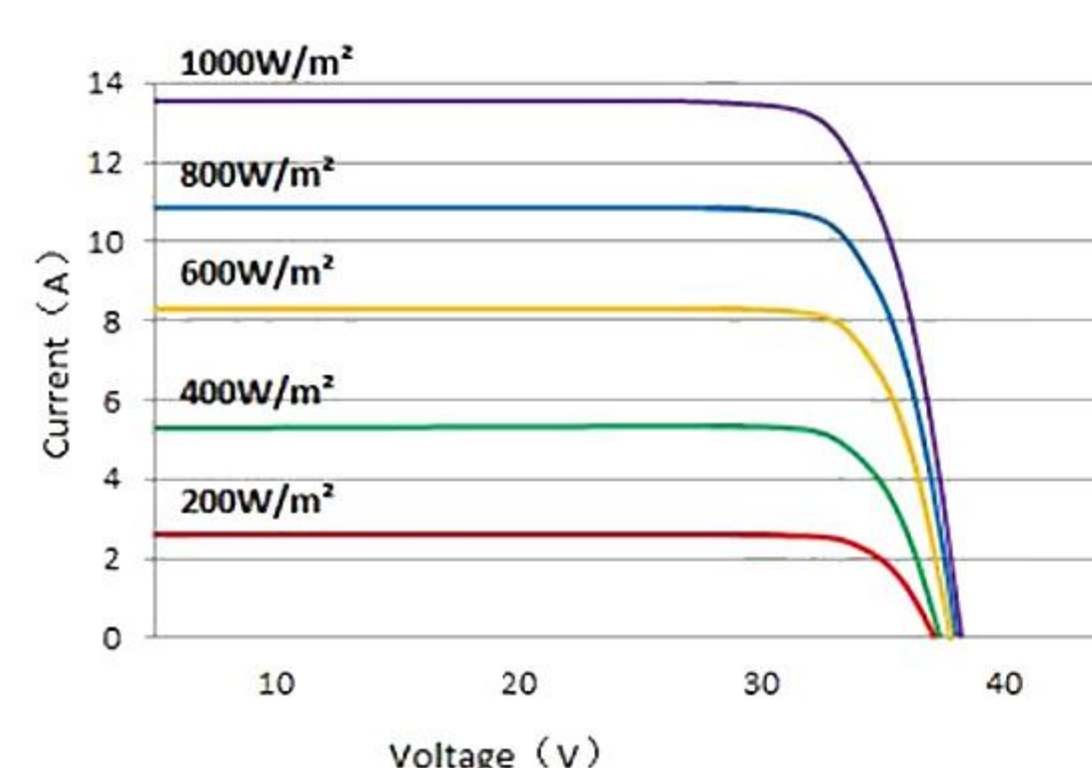
Electrical Specifications @STC

Pmax (W) 0-+5W	Umpp (V)	Impp(A)	Uoc (V) ±3%	Isc(A) ±3%	Module Efficiency	Max System Voltage	Max Series Fuse
435	32.29	13.47	38.86	13.96	21.77%	1500V	25A
440	32.51	13.53	39.08	14.02	22.02%	1500V	25A
445	32.72	13.60	39.29	14.09	22.27%	1500V	25A
450	32.91	13.67	39.51	14.16	22.52%	1500V	25A
455	33.09	13.75	39.76	14.24	22.77%	1500V	25A

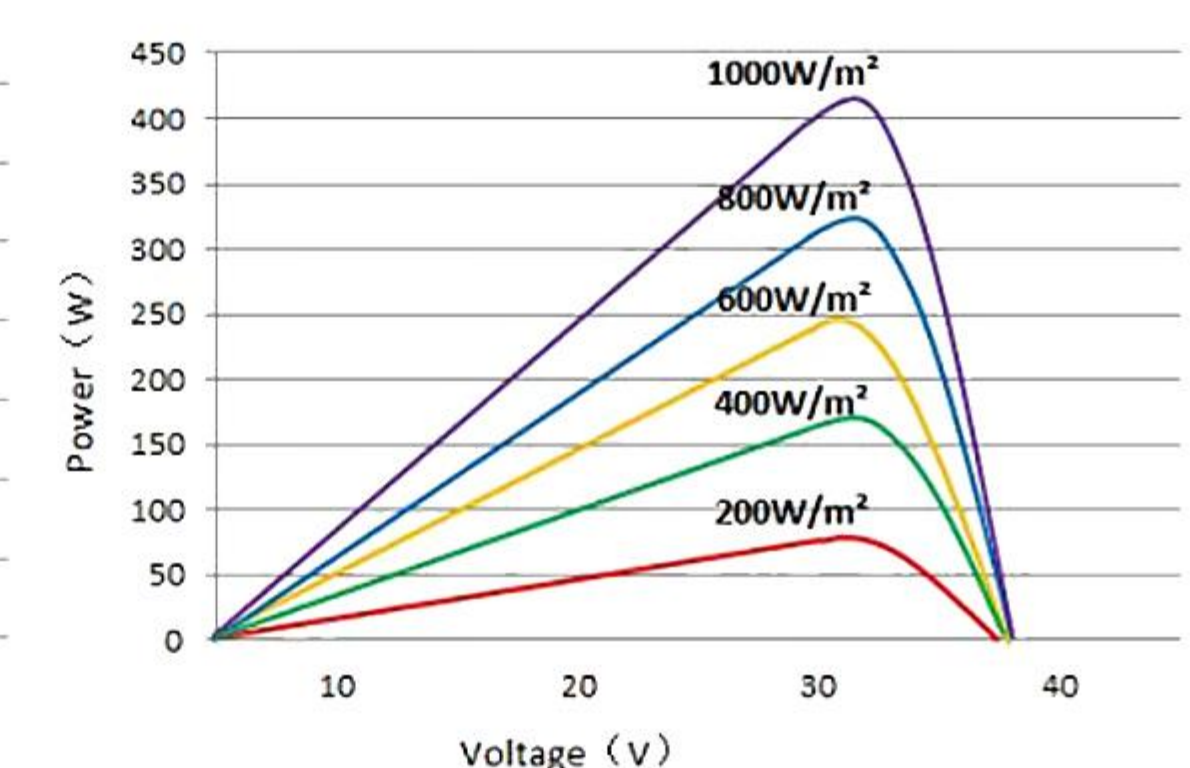
Temperature Parameter

Temperature Cycling Range:	-40°C ~ +85°C
Norminal Module Operating Temperature:	45±2 °C
Temperature Coefficient of Isc:	0.047%/°C
Temperature Coefficient of Voc :	-0.269 %/°C
Temperature Coefficient of Pmax :	-0.350%/°C

I-V Curve



LNTMRH108-440W



Packaging Configuration

Modules Per Pallet:	36pcs
Modules Per 40 ' HQ:	936pcs

Guarantee

12-year warranty on materials & workmanship
25-year linear power output warranty