



ANM 530-550W
144 CELL
0-3W POWER TOLERANCE
WARRANTY
12 - YEAR PRODUCT WARRANTY
25 - YEAR LINEAR POWER OUTPUT WARRANTY



BELONGS TO NATURE



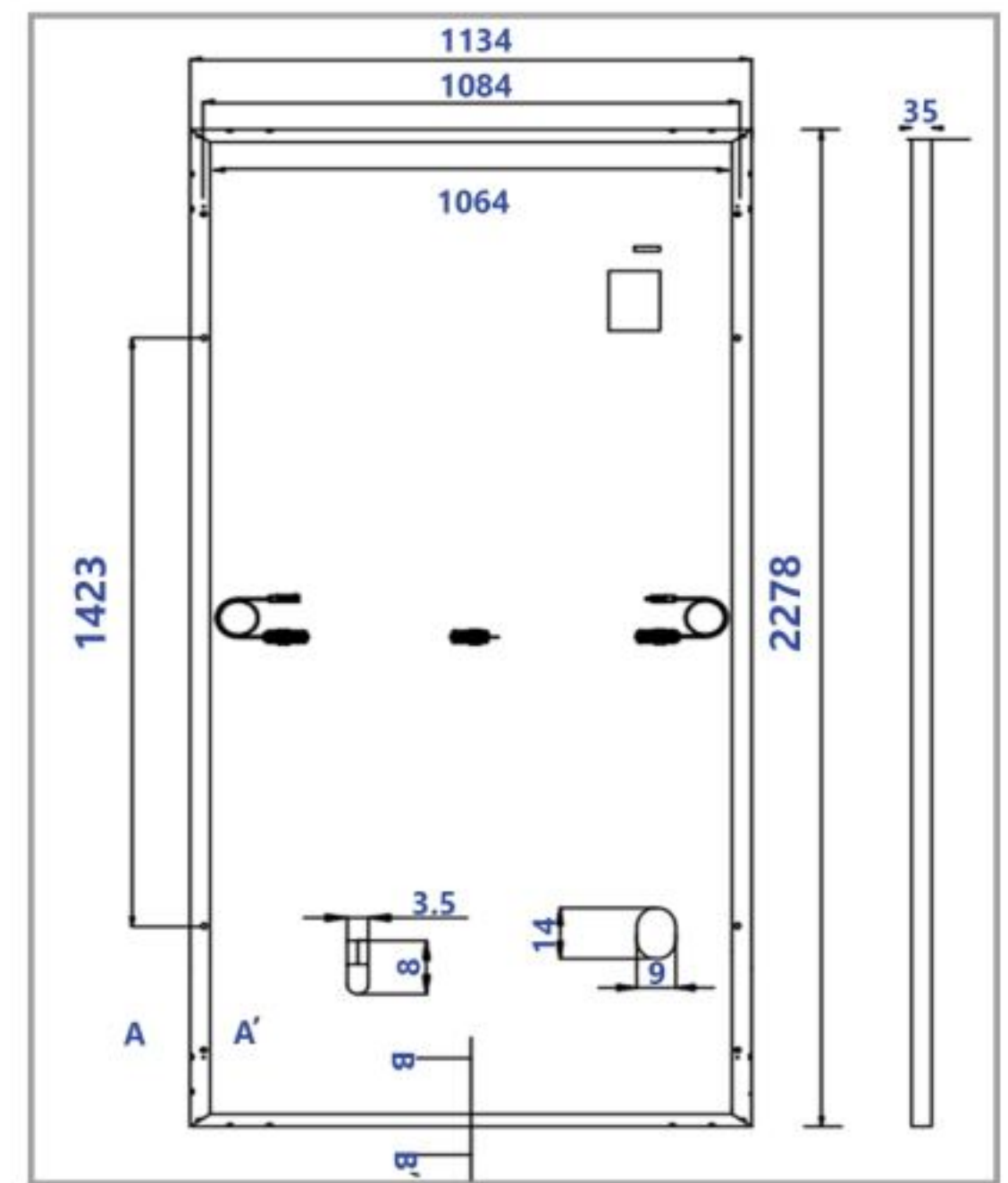
ELECTRICAL PARAMETERS

MODEL	ANM 530W	ANM 535W	ANM 540W	ANM 545W	ANM 550W
Rated Maximum Power(Pmax) [W]	530	535	540	545	550
Open Circuit Voltage(Voc) [V]	49.30	49.45	49.60	49.75	49.90
Maximum Power Voltage(Vmp) [V]	41.31	41.47	41.64	41.80	41.96
Short Circuit Current(Isc) [A]	13.72	13.79	13.86	13.93	14.00
Maximum Power Voltage(Vmp) [V]	41.31	41.47	41.64	41.80	41.96
Module Efficiency [%]	20.5	20.7	20.9	21.1	21.3
Power Tolerance	0~+3W				
Temperature Coefficient of Isc(a_Isc)	+0.04 %/°C				
Temperature Coefficient of Voc(B_Voc)	-0.282%/°C				
Temperature Coefficient of Pmax(y_Pmp)	-0.287%/°C				
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G				

SPECIFICATIONS

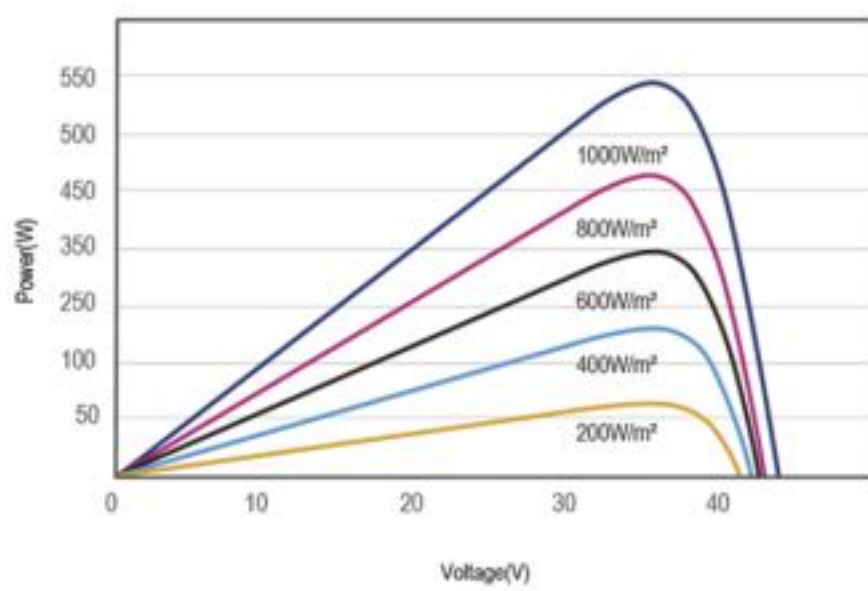
Cell	Mono
Weight	28.6kg
Dimensions	2278mmx1134mmx35mm
Cable Length	300mm
No. of cells	144(6×24)
Junction Box	IP68, TUV&UL
Connector	4mm ² , EVO2
Packaging	31pcs/Pallet 620pcs/40HQ Container

FRAME

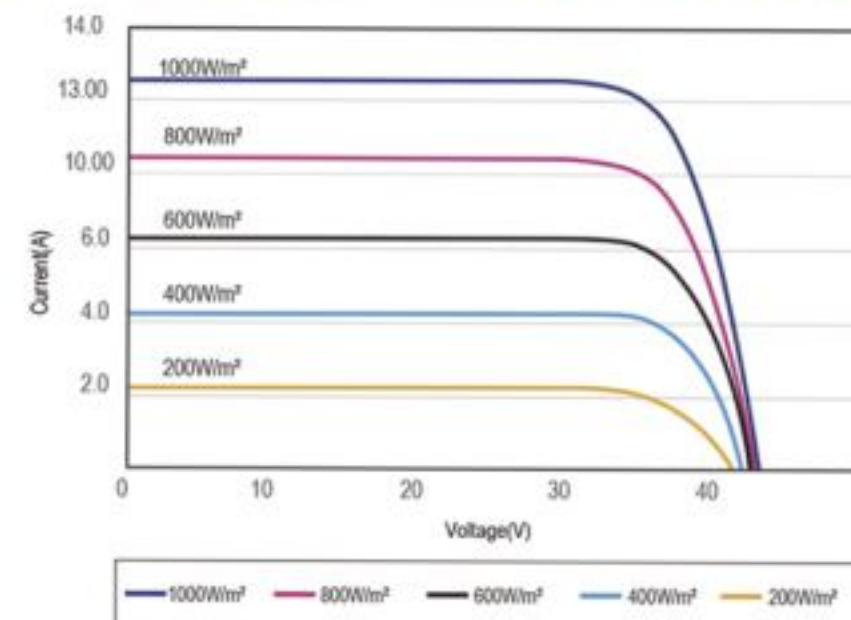


CHARACTERISTICS

CURRENT-VOLTAGE CURVE AN10 540W



POWER-VOLTAGE CURVE AN10 540W



OPERATING CONDITIONS

Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40 C~+85 C
Maximum Series Fuse Rating	15-20A
Maximum Static Load, Front	5400Pa
Maximum Static Load, Back	2400Pa
NOCT	45±2°C
Safety Class	Class II

ELECTRICAL PARAMETERS

TYPE	ANM 530W	ANM 535W	ANM 540W	ANM 545W	ANM 550W
Rated Max Power(Pmax) [W]	401	405	408	412	416
Open Circuit Voltage (Voc) [V]	46.18	46.31	46.43	46.55	46.68
Max Power Voltage(Vmp) [V]	38.57	38.78	38.99	39.20	39.43
Short Circuit Current(Isc) [A]	11.01	11.05	11.09	11.13	11.17
Max Power Current(Imp) [A]	10.39	10.43	10.47	10.51	10.55