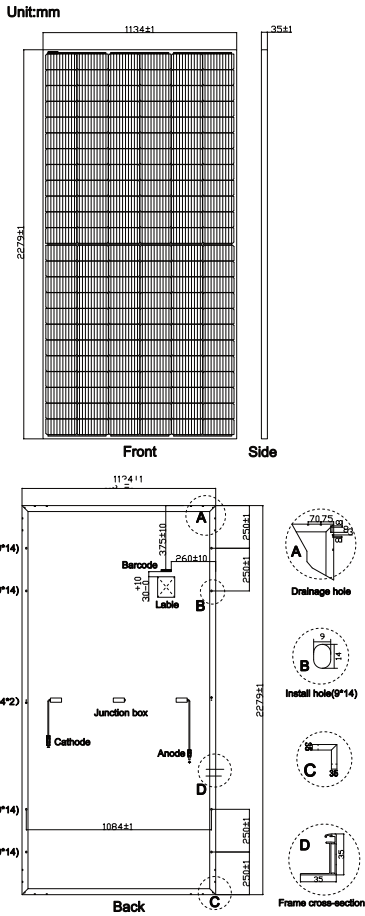


PV DRAWINGS



ELECTRICAL DATA (STC)

Model Type	AU525-36V -MH	AU535-36V -MH	AU540-36V -MH	AU545-36V -MH	AU550-36V -MH
Peak Power(Pmax)	525.00	535.00	540.00	545.00	550.00
Maximum Power Voltage(Vmp)	41.28	41.60	41.76	41.93	42.10
Maximum Power Current(Imp)	12.72	12.84	12.93	13.00	13.16
Open Circuit Voltage(Voc)	49.10±3%	49.50±3%	49.70±3%	49.90±3%	50.10±3%
Short Circuit Current(Isc)	13.56±3%	13.74±3%	13.83±3%	13.92±3%	14.01±3%
Module Efficiency(%)	20.31	20.70	20.89	21.08	21.28

* STC: irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

ELECTRICAL DATA (NOCT)

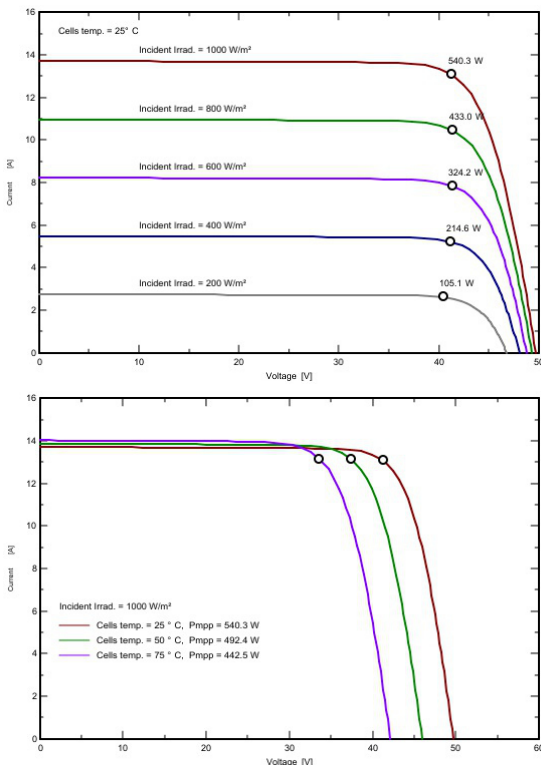
Model Type	AU525-36V -MH	AU535-36V -MH	AU540-36V -MH	AU545-36V -MH	AU550-36V -MH
Peak Power(Pmax)	390.30	397.7	401.4	405.1	408.9
Maximum Power Voltage(Vmp)	38.30	38.62	38.78	38.93	39.09
Maximum Power Current(Imp)	10.20	10.30	10.35	10.41	10.46
Open Circuit Voltage(Voc)	46.00±3%	46.36±3%	46.54±3%	46.73±3%	46.92±3%
Short Circuit Current(Isc)	10.81±3%	10.97±3%	11.05±3%	11.13±3%	11.20±3%

* NOCT: irradiance 800 W/m², AM 1.5, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500 V
Maximum Series Fuse Rating (A)	25 A
Power Tolerance	0~+3 W
Pmax Temperature Coefficients (W/°C)	-0.350 %/°C
Voc Temperature Coefficients (V/°C)	-0.285 %/°C
Isc Temperature Coefficients (A/°C)	+0.045 %/°C
NOCT Nominal Operating Cell Temperature (°C)	45±2 °C
Operating and Storage Temperature (°C)	-40~+85 °C

IV CURVE (540W)



MECHANICAL CHARACTERISRTICS

Cell Type	182*91 Mono
No. of Cells	144 (12*12)
Dimensions	2279*1134*35mm
Weight	28.40kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3diodes
Output cables	4mm ² cable 55cm (Including MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT container	5 Packages/155pcs
40HQ container	20 Packages/620pcs

Austa