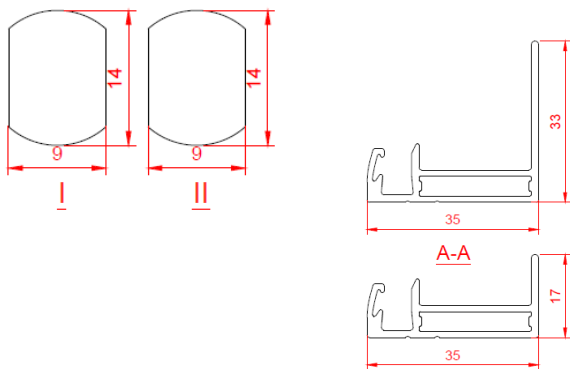
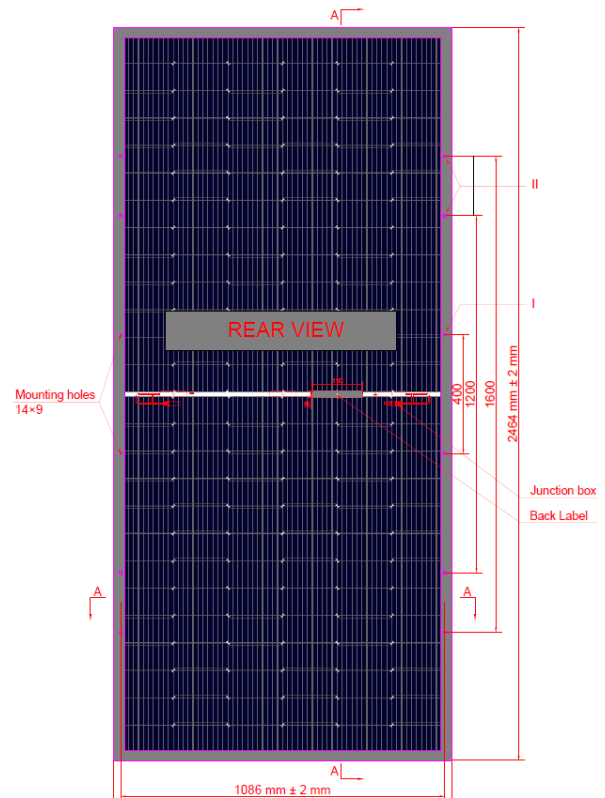
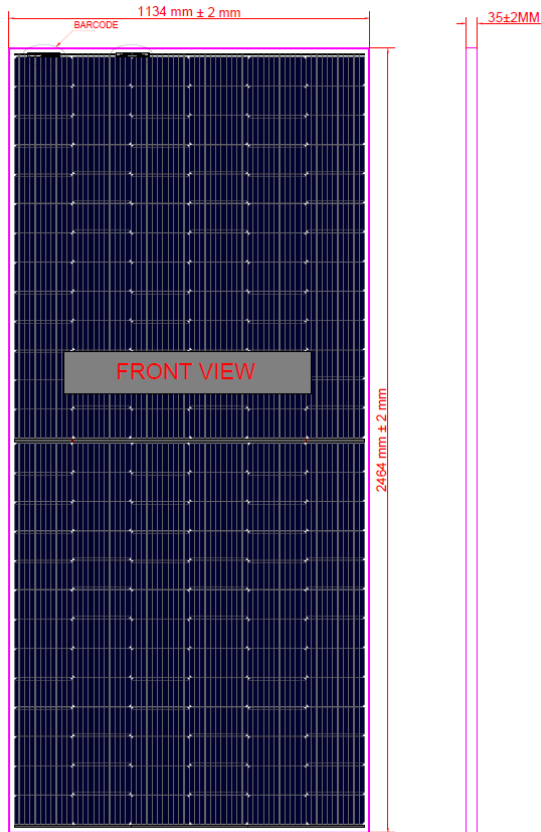


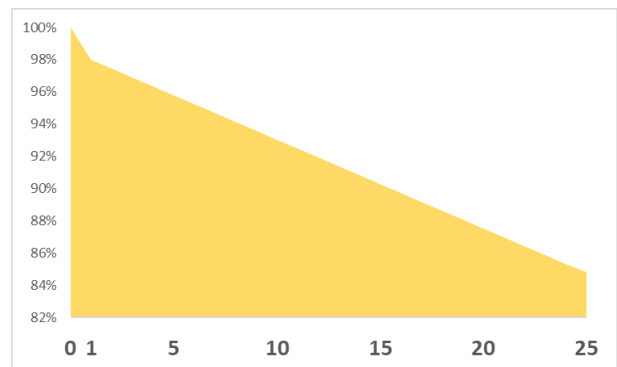
PERC Model - HEXN156P570-595



Mechanical Specification

- **LXWXH** – 2464X1134X35 mm
- **Weight** – 29.50 Kg
- **Front Glass** – 3.2 mm
- **Backsheet** – Transparent
- **Frame** – Anodised
- **Junction Box** – IP68
- **Cable**: +400 mm, -200 mm (customized)
- **No of Cells** – 156 cells (78X2)

Warranty



- Product Warranty 12 years
- First year degradation 2%
- Annual degradation over 25 years – 0.55%

Operating Conditions

- Temp. coefficients of P_{max} : 0.35%/C
- Temp. coefficients of V_{oc} : -0.28%/C
- Temp. coefficients of I_{sc} : 0.045%/C

PERC Model - HEXN156P570-595

Electrical parameter (STC)

Maximum Power - Pmax (Wp)	570	575	580	585	590	595
Maximum Power Voltage - Vmp(V)	43.86	44.09	44.32	44.56	44.80	45.02
Maximum Power Current - Imp(A)	12.99	13.04	13.08	13.13	13.18	13.22
Open-circuit Voltage - Voc (V)	52.93	53.02	53.11	53.20	53.29	53.38
Short-circuit Current - Isc (A)	13.76	13.80	13.84	13.88	13.92	13.96
Module Eff,(%)	20.4	20.6	20.7	20.9	21.1	21.3

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

Electrical parameter with 10% Solar Irradiation

Reference Module Power Pmax (STC)	570	575	580	585	590	595
Maximum Power - Pmax (Wp) @ 10%	627	632	638	644	650	655
Maximum Power Voltage - Vmp(V)	43.9	44.1	44.3	44.6	44.8	45.0
Maximum Power Current - Imp(A)	14.3	14.3	14.4	14.4	14.5	14.5
Open-circuit Voltage - Voc (V)	52.9	53.0	53.1	53.2	53.3	53.4
Short-circuit Current - Isc (A)	15.1	15.2	15.3	15.3	15.4	15.4

Electrical parameter(NOCT)

Maximum Power - Pmax (Wp)	431	433	436	441	445	449
Maximum Power Voltage - Vmp(V)	41.17	41.30	41.52	41.74	41.97	42.17
Maximum Power Current - Imp(A)	10.46	10.49	10.51	10.56	10.60	10.63
Open-circuit Voltage - Voc (V)	50.28	50.36	50.44	50.53	50.61	50.68
Short-circuit Current - Isc (A)	11.11	11.14	11.18	11.21	11.24	11.28

NOCT: Irradiance 800W/m², Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

Application Conditions

Operating Temperature	-40 °C ~ +85 °C
Maximum System Voltage	1500 VDC
Maximum fuse rating	30 A
Nominal Operating Cell Temperature - NOCT	45±2 °C
Bifacial Factor	70±5 %

Application Conditions

Temp. coefficients of Pmax : 0.35%/C
 Temp. coefficients of Voc : -0.28%/C
 Temp. coefficients of Isc : 0.045%/C