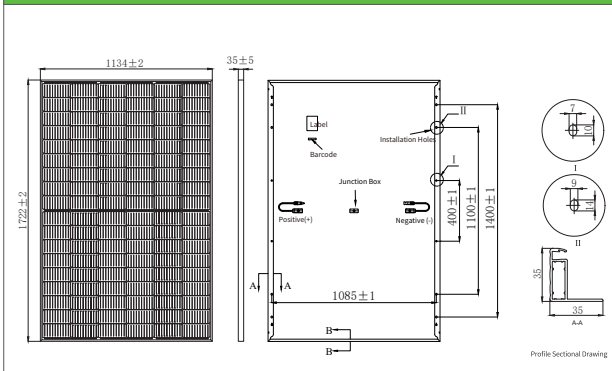
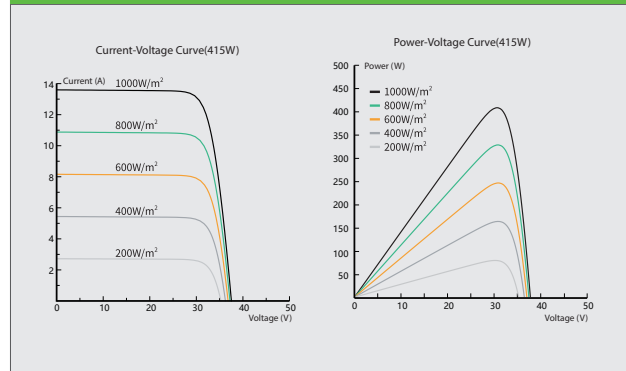


## Mechanical drawings (mm)



## I-V Curve



## Electrical Data (STC)

Maximum Power (Pmax/W)	400	405	410	415
Open Circuit Voltage (Voc/V)	36.96	37.11	37.26	37.41
Short Circuit Current (Isc/A)	13.60	13.70	13.79	13.89
Voltage at Maximum Power (Vmp/V)	31.00	31.15	31.30	31.45
Current at Maximum Power (Imp/A)	12.91	13.01	13.10	13.20
Module Efficiency (%)	20.48	20.74	21.00	21.25
Operating Temperature	-40° C ~ +85° C			
Maximum System Voltage	1000/1500V			

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

## Electrical Data (NMOT)

Maximum Power (Pmax/W)	300	304	308	312
Open Circuit Voltage (Voc/V)	33.97	34.12	34.27	34.42
Short Circuit Current (Isc/A)	11.10	11.18	11.27	11.35
Voltage at Maximum Power (Vmp/V)	28.19	28.34	28.49	28.64
Current at Maximum Power (Imp/A)	10.65	10.73	10.82	10.90

NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.

## Mechanical Data

Cell Type	182×91mm Mono
Cell Orientation	108(6×18)
Module Dimensions	1722×1134×35mm
Weight	22.0kg
Glass	3.2mm high transmittance, reinforced glass
Backsheet	Anti-aging film(Black)
Frame Material	Anodized aluminum alloy(Black)
Junction Box	Protection class IP68 (3 diodes)
Cable	4.0 mm², positive pole: 200 mm, negative pole: 250 mm, wire length can be customized
Connector	MC4 compatible connector

## Temperature Coefficients

Temperature Coefficient (Pm)	-0.340%/°C
Temperature Coefficient (Voc)	-0.270%/°C
Temperature Coefficient (Isc)	0.048%/°C
NMOT (Nominal Module Operating Temperature)	41 ± 3°C

## Packaging

Transportation methods	Number of modules per cabinet	Number of modules per pallet
40HQ container	806pcs	31pcs + 31pcs