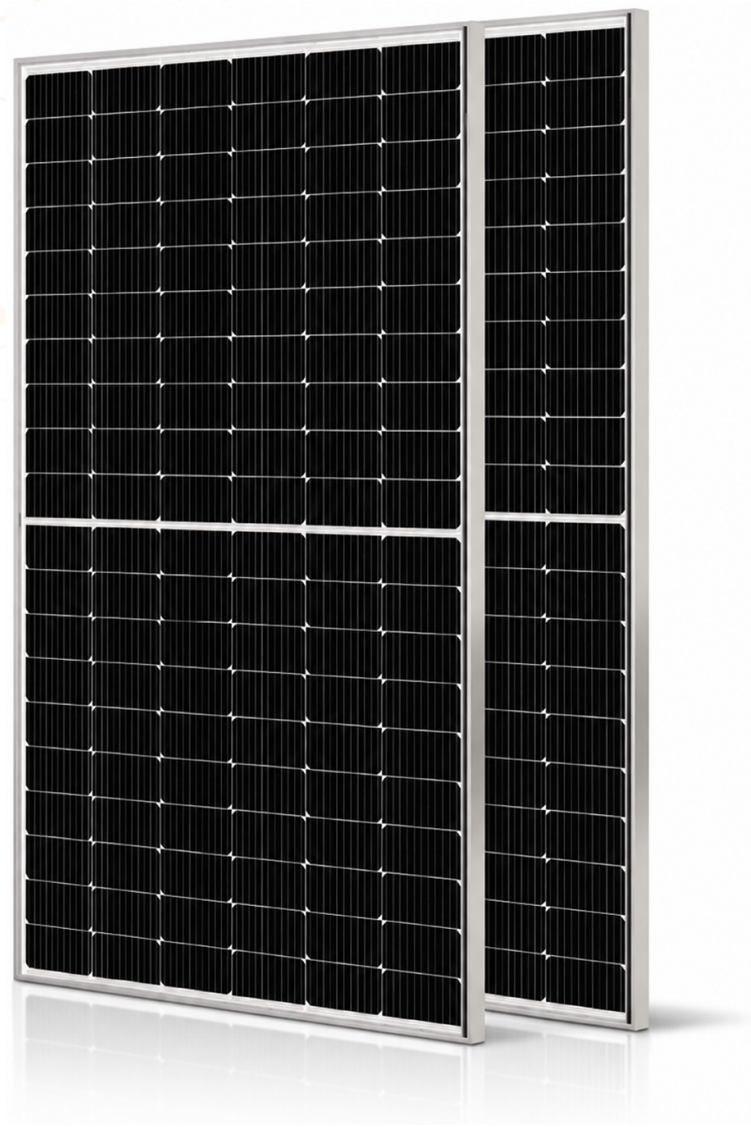
POWER SOLID

# Heterojunction technology (HJT)

# SOLAR PANEL

PS640W#BHPVS

## 640W



## Features

- **SMBB Half Cell :** Multi-busbar half-cell design, higher module efficiency and power output
- **G10 Cell / Module :** G10 size wafer, applicable to multiple scenarios
- **Higher Performance :** Lower temperature coefficient and low operation temperature resulting in better energy yield in all-weather
- **High Energy Yield :** Maximum Module Efficiency up to 22.90% achieved by mature mass production HJT cell technology
- **High Reliability :** Certified mechanical performance up to 5400 Pa positive load and 2400 Pa negative load, with better protection against harsh weather
- **Better Warranty :** Extremely low LID/PID in longer service life, less than12.6% power degradation in 30 years

**THE CROWN OF POWER SOLUTIONS**

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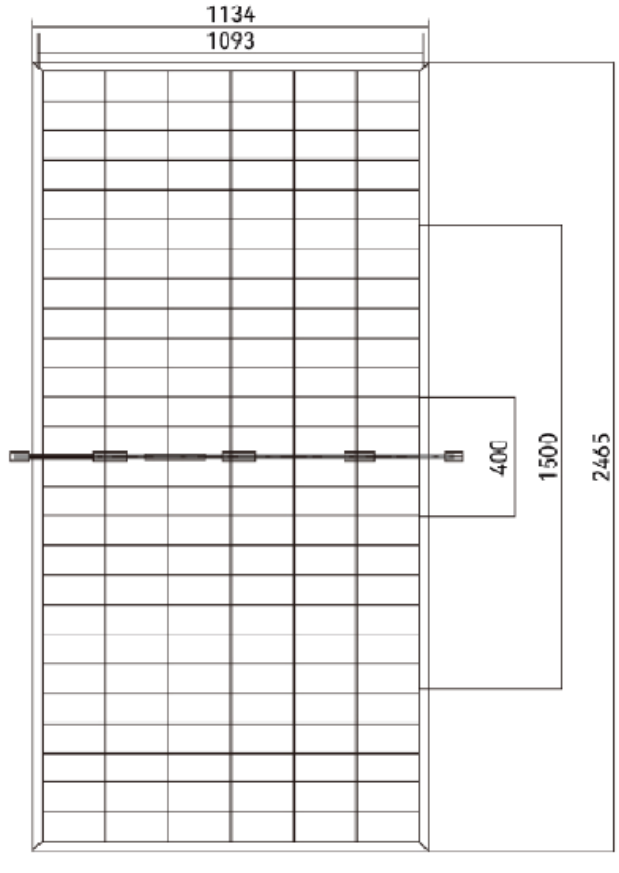
## Mechanical Data

| | |
|---|---|
| Cell(mm) | 182x91 |
| Weight(kg) | 34.0±0.5kg |
| Dimension(LXWXH)(mm) | 2465x1134x30rrim |
| Cable(mm) | 4mm2, 300mm(customized length based on needs) |
| Frame | anodized aluminum |
| Junction Box | IP68, 1500VDC, 3Diodes |
| J-Box | IP68 Rated |
| Packaging Configuration (40tontainer;17.5'Trailer) | 576pcs/40'container; 720pcs/13Trailer; 792pcs/17.5-Trailer |




## Electrical Data(STC)

| | |
|---|---|
| Model | PS640W#BHPVS |
| Pmax(Wp) | 640 |
| Voc(V) | 58.483 |
| Isc(A) | 13.54 |
| Vmpp(V) | 49.67 |
| Impp(A) | 12.90 |
| Efficiency | 22.90% |

## Electrical Characteristics(STC)

| | |
|---|---|
| Model | PS640W#BHPVS |
| Pmax(Wp) | 705 |
| Voc(V) | 64.39 |
| Isc(A) | 13.54 |
| Vmpp(V) | 54.64 |
| Impp(A) | 12.90 |
| Efficiency | 22.90% |

alsc (%/K) : 0.04; I3Voc (%/K) : -0.24; yPmp (%/K) : -0.26

## Working Condition