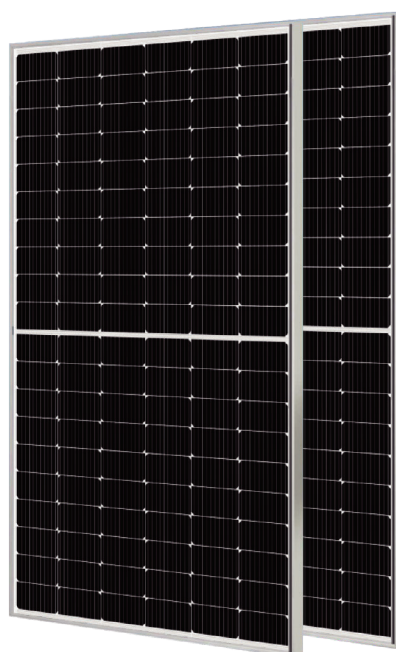
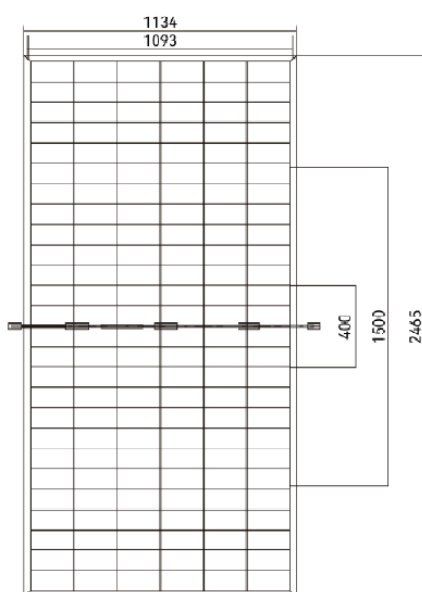


## PS640W#BHPVS

- >> **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 than 12.6% power degradation in 30 years

### Mechanical Data

Cell(mm)	182x91
Weight(kg)	34.0±0.5kg
Dimension(LXWXH)(mm)	2465x1134x30rim
Cable(mm)	4mm <sup>2</sup> , 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



**THE CROWN OF POWER SOLUTION**

## General Features

### 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%

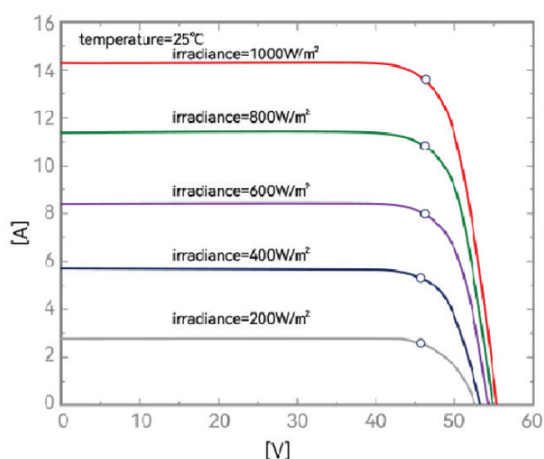
also (%/K) : 0.04; I3Voc (%/K) : -0.24; yPmp (%/K) : -0.26

### Working Condition

Maximum System Voltage	1500VDC
Operating Temperature	-40°C - +85°C
Maximum Fuse Rating	30A
Rear Side Mechanical Load	2400Pa
Front Side Mechanical Load	5400Pa
NOCT	44±2°C
Safety Class	Class II
Grounding Electric Conductivity	< 0.1Ω

#### I-V Diagram

(Different Irradiance)



#### I-V Diagram

(Different Temperature)

