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

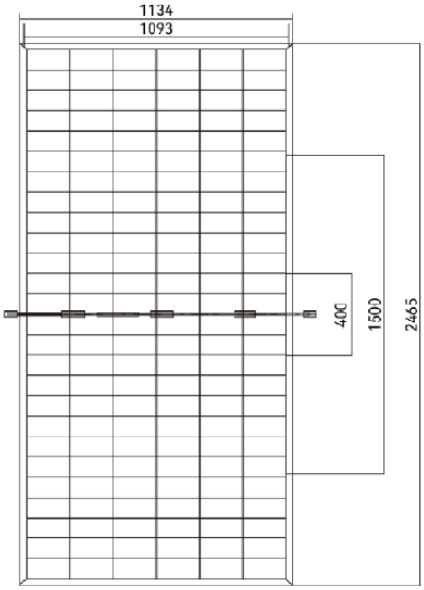
>> **High Reliability :** Certified mechanical performance up to 5400 Pa positive load and 2400 Pa negative load, with better protection against harsh weather

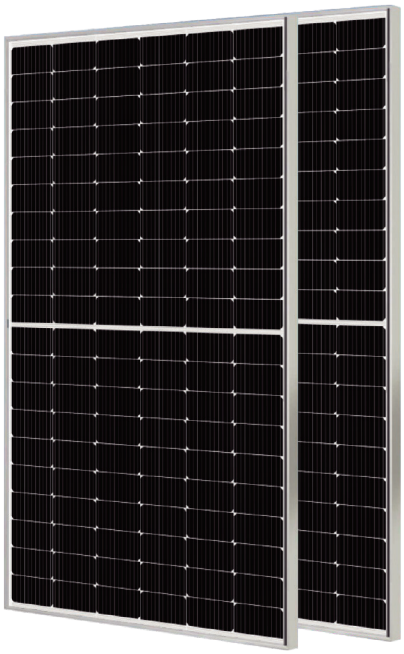
>> **Better Warranty** : Extremely low LID/PID in longer service life, less than12.6% power degradation in 30 years

THE CROWN OF POWER SOLUTION

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





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%

alsc (%/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
Safty Class	Class II
Grounding Electric Conductivity	< 0.1Ω