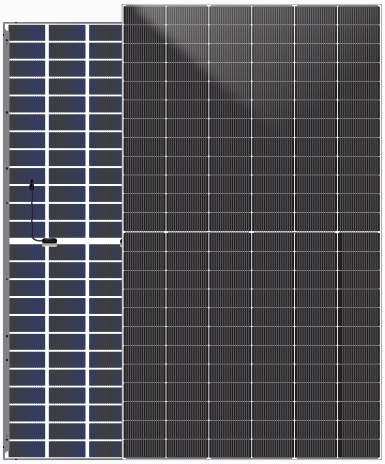
PS620W#BPVD

Features:

- Rectangular cells (182mm x 191.6mm) with higher power
- TOPCon cells double-sided rate up to 85% and more back power generation by 5-25%
- Double-glass Technology, higher encapsulation blocking and mechanical strength
- Higher performance in anti hidden cracking, acid and alkali, salt spray, water vapor, UV, PID
- TOPCon cells, lower attenuation, better temperature coefficient & dim ligh performance



THE CROWN OF POWER SOLUTION

Mechanical Specification

No.of Cells	144 (6×24)
Weight	33.2kg
Cells Type	N-type 182×95.8mm
Dimension (L×W×T)	2382×1134×30mm
Packing	36pcs/Pallet, 720pcs/40HQ
Cable	4.0mm², 300/200mm in length,
(Including connector)	length can be customized
Glass	2.0mm High Transmission, Antireflection Coating
Junction Box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible

Electrical Characteristics

Module Type	PS620W#BPVD	
Test conditions	STC	NOCT
Maximum Power (Pmax/W)	620	466
Open-circuit Voltage (Voc/V)	52.8	50.2
Maximum Power Voltage (Vmp/V)	45.0	42.8
Short-circuit Current (Isc/A)	14.84	11.98
Maximum Power Current (Imp/A)	13.78	10.91
Module Efficiency (STC)	22.95%	
Refer Bifacial Factor	80±5%	

STC-Standard Test Environment: Irradiance 1000W m², Cell temperature 25°C, Spectrum AM1.5
NOC-Standard Test Environment: Irradiance 800W m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m s

Operating Parameters

Maximum System Voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45°C±2°C
Application Level	Class A

THE CROWN OF POWER SOLUTION

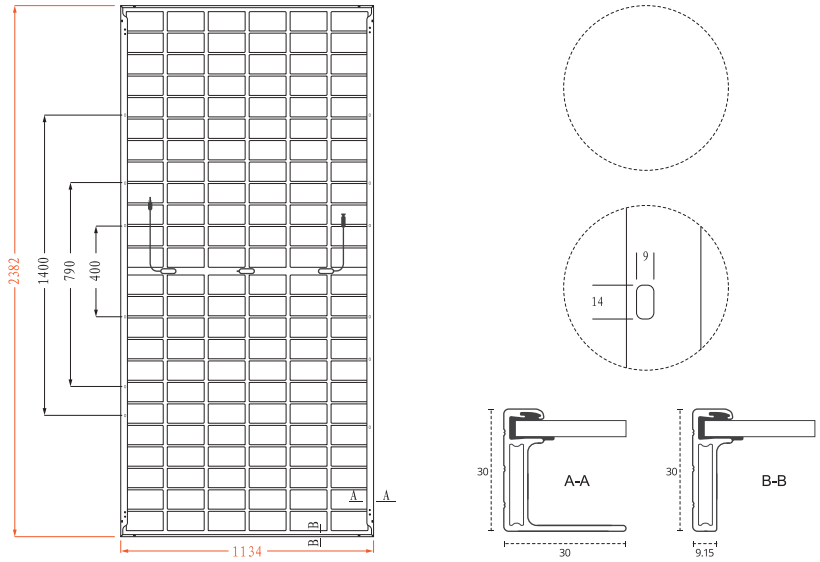
General Features

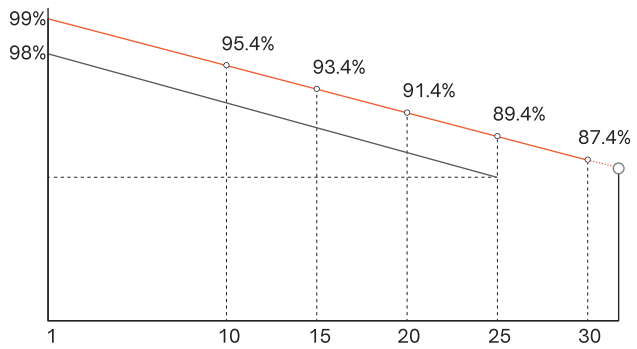
Double-Sided Power Generation Parameters (Rear gain)		
5%	Maximum Power (Pmax)	651
	Module Efficiency (%)	24.1
15%	Maximum Power (Pmax)	713.0
	Module Efficiency (%)	26.4
25%	Maximum Power (Pmax)	775.0
	Module Efficiency (%)	28.7

Temperature Coefficient

Temperature Coefficient of Isc (αIsc)	0.046%/°C
Temperature Coefficient of Voc (βVoc)	-0.25%/°C
Temperature Coefficient of Pmax (γPmp)	-0.29%/°C
Snow load, frontside / Wind load, backside	5400Pa/2400Pa

Design





— Solar linear power output guarantee
— Standard linear power output guarantee