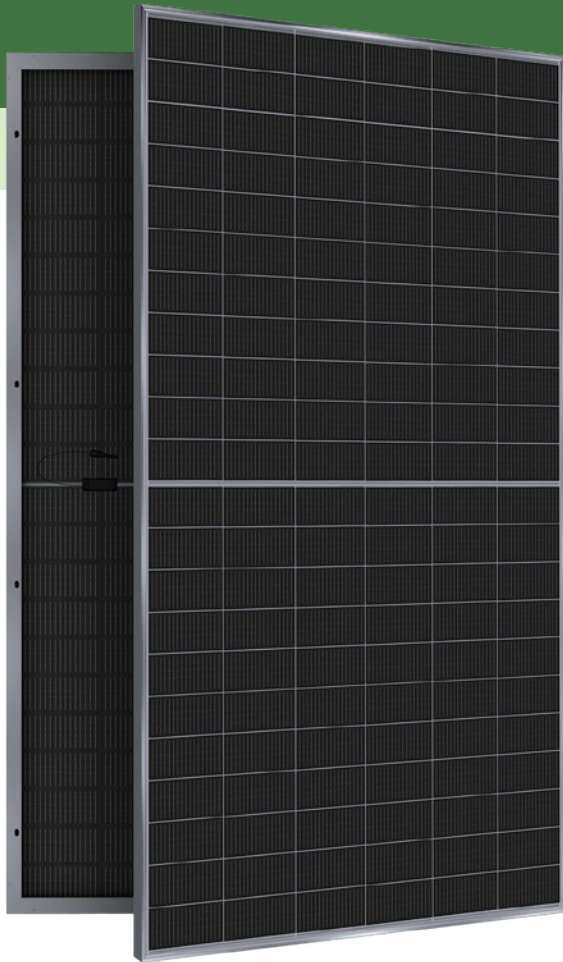


CORE Series Bifacial Modules

Power Range | 710-730W
Maximum Efficiency | 23.5%

Power Output Tolerance | 0W ~ +5W



FEATURES



Outstanding Performance

- More than 23% industry leading efficiency
- More power per square foot for tight roofs
- Excellent temperature coefficient for hot climates
- Bifacial design captures reflected light with no extra cost



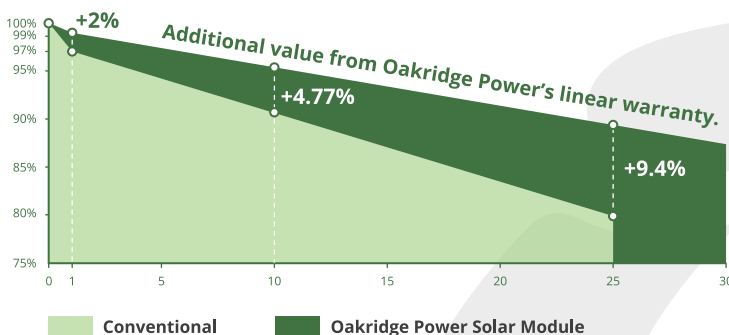
Long-Term Reliability

- Advanced dual-glass structure resists moisture and PID
- First year degradation under 1% from day one
- 30 year power warranty plus 12 year product warranty



Lifetime Investment Return

- Higher energy harvest reduces balance-of-system costs
- More power and lower degradation shorten your payback period
- Lower Levelized Cost of Energy over 30 years



Linear power output warranty



Guarantee on product material and workmanship

1st-year ≤ 1%

2nd~30th year ≤ 0.40% /year

Physical Characteristics		Mechanical Description	
	Unit: mm (inch)	No. of Half cells	132pcs(6×22)
		Dimension	2384×1303×33mm (93.86 × 51.3 × 1.3in)
		Weight	37.8kg (83.33lbs)
		Front Glass	2.0mm, highly transparent tempered glass with anti-reflective coating
		Rear Glass	2.0mm, tempered glass
		Frame	Anodized aluminum alloy
		Junction Box	IP68 rated
		Cable	4mm ² , portrait: 400mm(+) / 200mm (-), landscape: 1400mm (+) / 1400mm (-), can be customized
		Diode Quantity	3 pcs
		Connector	MC4 Compatible

Temperature Characteristics				Maximum Parameters			
Nominal Module Operating Temperature	44±2°C	Temperature Coefficient (V_{oc})	-0.25%	Load Rating	Front Side 5400pa Rear Side 2400pa	Maximum System Voltage	1500V DC
Temperature Coefficient (I_{sc})	+0.043%	Temperature Coefficient (P_{max})	-0.30%	Operating Temperature	-40~+85°C	Maximum Fuse Rating	35A

Packaging Information			
Modules Per Pallet	33 pcs/pallet	Per Container	15 pallet/container, 495 pcs/ 40'HQ container

Electrical Performance Parameters																
Model Type		OPA-HBDW710-210(66)			OPA-HBDW715-210(66)			OPA-HBDW720-210(66)			OPA-HBDW725-210(66)			OPA-HBDW730-210(66)		
Testing Condition		STC	NMOT	BNPI	STC	NMOT	BNPI	STC	NMOT	BNPI	STC	NMOT	BNPI	STC	NMOT	BNPI
Nominal Max. Power	P _{MAX} (W)	710	543	775	715	547	780	720	551	785	725	555	790	730	559	795
Max. Power Voltage	V _{MP} (V)	40.51	38.06	39.91	40.73	38.26	40.09	40.95	38.46	40.27	41.16	38.66	40.46	41.37	38.86	40.64
Max. Power Current	I _{MP} (A)	17.53	14.27	19.43	17.56	14.30	19.46	17.59	14.33	19.50	17.62	14.36	19.54	17.65	14.39	19.58
Open Circuit Voltage	V _{OC} (V)	50.76	46.50	50.78	50.97	46.71	50.99	51.18	46.92	51.20	51.39	47.13	51.41	51.60	47.34	51.62
Short Circuit Current	I _{SC} (A)	18.45	14.89	20.35	18.49	14.93	20.39	18.53	14.97	20.44	18.57	15.01	20.48	18.61	15.05	20.53
Module Efficiency	(%)	22.86			23.02			23.18			23.34			23.50		

* STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5; NMOT: Irradiance 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s; Power measurement tolerance ±3%.

Bifacial Output-rearside Power Gain								Current-Voltage Curve (730W)		Power-Voltage Curve (730W)	
5%	Maximum Power P _{MAX} (W)	746	751	756	761	767					
	Module Efficiency (%)	24.00	24.17	24.34	24.51	24.68					
10%	Maximum Power P _{MAX} (W)	781	787	792	798	803					
	Module Efficiency (%)	25.14	25.32	25.50	25.67	25.85					
25%	Maximum Power P _{MAX} (W)	888	894	900	906	913					
	Module Efficiency (%)	28.57	28.77	28.97	29.17	29.38					

Data contained in these specifications is subject to change without notice.