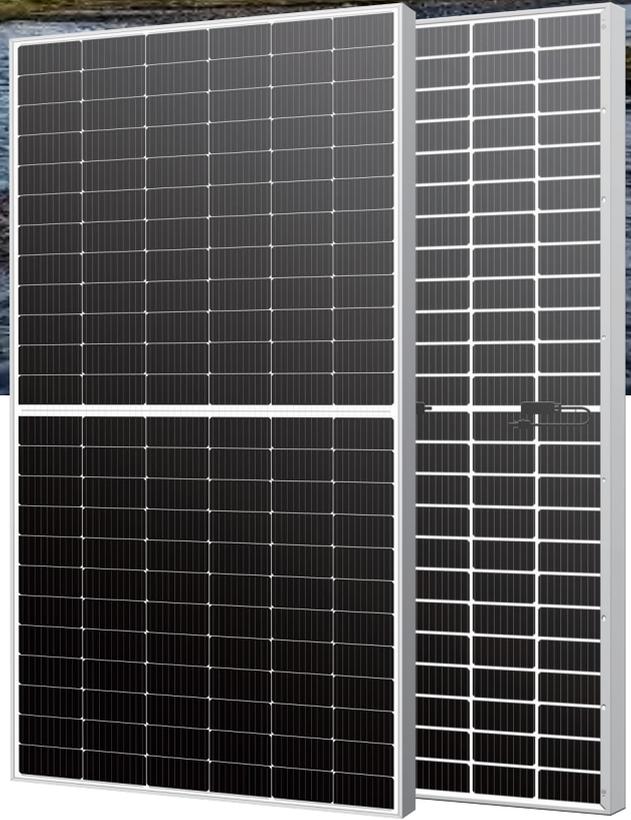


Aurora Series

555W MBB Bifacial Double Glass Mono PERC Half-cell Module S8-144GA 535~555W



- ▲ Higher output power
- ▲ Module efficiency up to 21.5%
- ▲ Lower temperature coefficient
- ▲ Up to 30% additional power gain from back side depending on albedo



- ▲ Lower LCOE (Levelized Cost Of Energy)
- ▲ High Power output lead to lower BOS cost



- ▲ ISO9001:2015 Quality Management system
- ▲ ISO14001:2015 Environmental Management System
- ▲ ISO45001:2018 Occupational Health and Safety Management System



- ▲ Salt Mist Corrosion Protect
- ▲ Ammonia Resistance

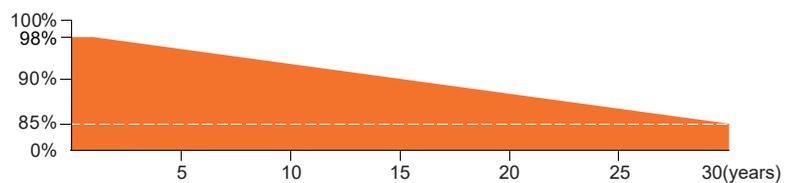


Excellent Potential Induced Degradation Resistance



Excellent Wind Load 2400Pa & Snow Load 5400Pa Under Certain Installation Method

Runda's linear performance warranty



Aurora Series

RS535~555S8-144GA

Electrical Characteristics(STC*)

Power Output(Wp)	535	540	545	550	555
Max Power Tolerance(W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency(%)	20.7	20.9	21.1	21.3	21.5
Voltage Mpp-Vmpp(V)	41.51	41.70	41.92	42.11	42.30
Current Mpp-Impp(A)	12.89	12.95	13.00	13.06	13.12
Voltage Open Circuit-Voc(V)	49.87	49.95	50.04	50.28	50.53
Short Circuit Current-Isc(A)	13.72	13.78	13.84	13.90	13.96

*STC:Irradiance 1000 W/m²,Cell Temperature 25°C,Air Mass AM1.5

Electrical Characteristics With 10% Rear Side Power Gain

Power Output(Wp)	589	594	600	605	611
Voltage Mpp-Vmpp(V)	41.51	41.70	41.92	42.11	42.30
Current Mpp-Impp(A)	14.18	14.25	14.30	14.37	14.43
Voltage Open Circuit-Voc(V)	49.87	49.95	50.04	50.28	50.53
Short Circuit Current-Isc(A)	15.09	15.16	15.22	15.29	15.36

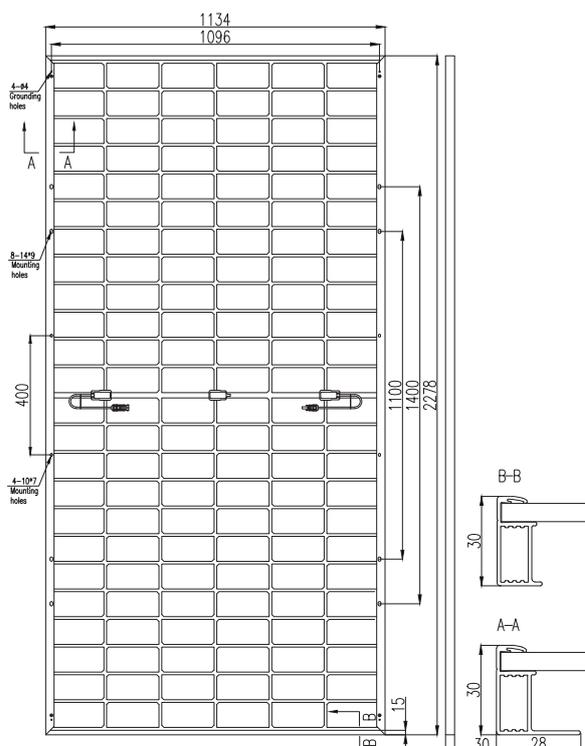
*Rear side power gain:The additional gain from the rear side compared to the power of the front side at the standard test condition.It depends on mounting (structure,height,tilt angle etc.)and albedo of the ground

Electrical Characteristics(NMOT*)

Power Output(Wp)	411.01	414.85	418.69	422.53	426.37
Voltage Mpp-Vmpp(V)	37.83	38.01	38.21	38.39	38.56
Current Mpp-Impp(A)	10.86	10.91	10.96	11.01	11.06
Voltage Open Circuit-Voc(V)	46.04	46.12	46.20	46.42	46.65
Short Circuit Current-Isc(A)	11.66	11.72	11.77	11.82	11.87

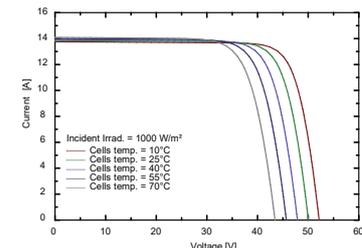
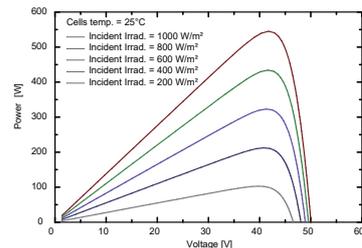
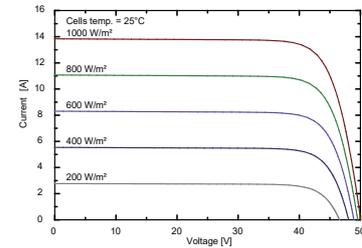
*NMOT:Irradiance 800 W/m²,Ambient Temperature 20°C,Air Mass AM1.5,Wind Speed 1m/s

Module Structure Drawing



Note: 400mm hole distance is only applicable when specified by the customer

Curves(545W)



Mechanical Data

Dimension Of Module	2278*1134*30mm
Weight	32.5kg
Front/Back Glass	2.0mm heat strengthened glass
Cables	4mm ² /300mm or Customized Length
Junction Box	IP68,3 bypass diodes
Connector	MC4 compatible

Packaging Configuration

	Frame 30mm
Container	40'HQ
Loading Capacity	720 pcs

Working Conditions

Max System Voltage(VDC)	1500V
Max Series Fuse Rating	30A
Maximum Load Capacity	Snow 5400Pa/Wind 2400Pa
Operating Temperature	-40°C~+85°C
Safety Class	II
Power Bifaciality	70±5%

Temperature Ratings

Temperature Coefficients of Isc(%/°C)	0.05
Temperature Coefficients of Voc(%/°C)	-0.265
Temperature Coefficients of Pmpp(%/°C)	-0.34
NMOT	45±2°C