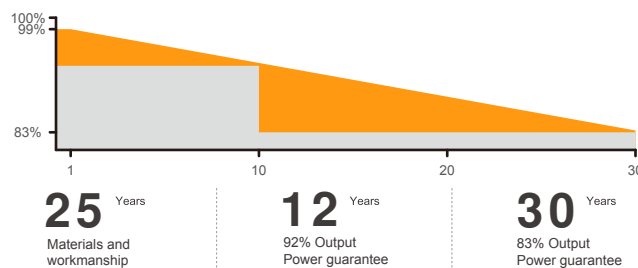







RALOS RLS-505

182mm 132 Cells Full Black
Mono Half Cell PV-Module Series





 Full Black
Half Cut Cell

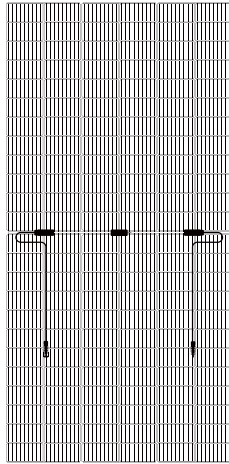
 High Energy
Performance

 100% Inspection
30years Guarantee

 Fire Class A

 5400Pa
Strengthened
Mechanical Load

 Advanced Bifacial
Efficiency



Electrical Characteristics (STC/BSTC)

Module Type **RALOS RSL-505**

Maximum Power- Pmax(W)

Open Circuit Voltage - Voc(V)

Short- Circuit Current - Isc(A)

Voltage at Pmax -Vmp(V)

Current at Pmax - Imp(A)

Module Efficiency - η m(%)

Power Tolerance(W) (0, +4.99W)

Maximum System Voltage(V) 1500Vdc (IEC / UL)

Maximum Series Fuse Rating (A) 25

STC : Irradiance 1000W/m² , Cell Temperature 25 °C , Air Mass 1.5; Best in Class AAA solar simulator used, power measurement uncertainty is within \pm 3%.

BSTC : Front side irradiation 1000W/m², back side reflection irradiation 135W/m², spectrum AM1.5, ambient temperature 25 °C . Values are based on RETC certified results from a light-soaked module.

NOCT : Irradiance 800W/m² , Ambient Temperature 20 °C , Air Mass 1.5, Wind Speed 1 m/s

Mechanical Specifications

External Dimensions	2094 x 1134 x 30 mm
Weight	25,1 kg
Solar Cells	HJT Mono crystalline 182 x 83 mm (6 x 22 pcs)
Front Glass	AR Coated 3,2 mm tempered glass
Frame	Anodized aluminium alloy, black
Junction Box	IP68, 3 bypass diodes
Output Cables	4.0mm ² , 2,2 m (+), 2,2 m (-)
Connector	MC4 Compatible
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 3600Pa, 25 mm Hailstone at the speed of 23 m/s

Packing Configuration

Container	40'GP
Pieces per Pallet	
Pallets per Container	22
Pieces per Container	792

Current-Voltage & Power-Voltage Curves (RLS-505)

Voltage