

RAYZON SOLAR

L'LIOS

540 Wp - 555 Wp

MONO PERC 10BB

BIFACIAL (TRANSPARENT BACKSHEET)

30 Years Warranty for
Linear Performance*



12 Years Product Warranty on
Materials and Workmanship*



PRODUCT | CERTIFICATES

IS 14286, IEC: 61215, 61730, 62804, 61583, 61701, 62716 •
Quality Management System : ISO 9001:2015 •
Environment Management System : ISO 14001: 2015 •
Occupational Health and Safety : ISO 45001:2018 •



PRODUCT | KEY FEATURES

- Anti-reflective (AR) Coated Glass for Enhanced Power
- Excellent Module Efficiency with Bifacial Power Gain
- Rayzon Solar Module ensures Long-term reliability
- Positive Power Tolerance with Current Binning to Prevent Mismatch Losses

TECHNICAL DATA

ELECTRICAL PERFORMANCE [Note: Power tolerance: 0 ~ +4.99 W. Power measurement uncertainty: < ±3%. Average value of NOCT: 44.51 ± 2 °C]

ELECTRICAL CHARACTERISTICS*	RSB540WC		RSB545WC		RSB550WC		RSB555WC	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal Maximum Power (Pmax)	540 W	405 W	545 W	408 W	550 W	412 W	555 W	416 W
Optimum Operating Voltage (Vmp)	41.86 V	39.09 V	42.01 V	39.23 V	42.14 V	39.35 V	42.28 V	39.48 V
Optimum Operating Current (Imp)	12.91 A	10.36 A	12.98 A	10.41 A	13.06 A	10.48 A	13.13 A	10.53 A
Open Circuit Voltage (Voc)	49.78 V	46.67 V	49.91 V	46.80 V	50.06 V	46.94 V	50.20 V	47.07 V
Short Circuit Current (Isc)	13.53 A	10.90 A	13.59 A	10.95 A	13.65 A	11.00 A	13.71 A	11.05 A
Module Efficiency	20.94 %		21.13 %		21.32 %		21.52 %	

BIFACIAL OUTPUT – BACKSIDE POWER GAIN @ STC* [Bifaciality Factor: 75% ± 10%]

[Note: The bifacial gain depends on the power plant design and site conditions. Electrical component ratings should be selected as per actual Bifacial gain at site (module currents indicated below)]

5%	Nominal Maximum Power (Pmax)	567 W	573 W	578 W	583 W
	Module Short Circuit Current / Efficiency	14.21 A / 21.99 %	14.27 A / 22.18 %	14.33 A / 22.39 %	14.39 A / 22.59 %
10%	Nominal Maximum Power (Pmax)	594 W	600 W	605 W	611 W
	Module Short Circuit Current / Efficiency	14.88 A / 23.03 %	14.95 A / 23.24 %	15.02 A / 23.46 %	15.08 A / 23.67 %
25%	Nominal Maximum Power (Pmax)	676 W	682 W	688 W	694 W
	Module Short Circuit Current / Efficiency	16.91 A / 26.17 %	16.99 A / 26.41 %	17.06 A / 26.65 %	17.14 A / 26.89 %

