Heckert Solar

FUTURE STARTS IN GERMANY



Bifacial back-contact module

ZEUS 3.2 FullBlack 285WP



- 35MM FRAME HEIGHT
- LIGHTWEIGHT WITH 15,6 KG
- BACK-CONTACT-CELL TECHNOLOGY
- IDEAL SPACE UTILIZATION
- OPTIMAL SHADING PERFORMANCE

DE GERMAN WARRANTOR

DIRECT SERVICE

30 YEARS PRODUCT WARRANTY

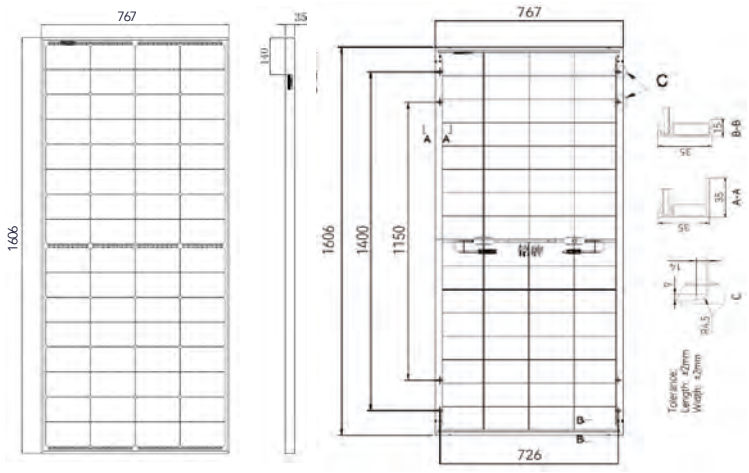
30 YEARS PERFORMANCE WARRANTY

ZEUS 3.2 285WP FULLBLACK

PRELIMINARY DATA SHEET

Heckert Solar

DIMENSIONS IN MM



ELECTRICAL SPECIFICATIONS[1] (STC[2])

Rated Power P_{MPP} (Wp)	285
Max. Power Current I_{MPP} (A)	14,34
Max. Power Voltage V_{MPP} (V)	19,87
Short-circuit Current I_{SC} (A)	16,64
Open-circuit Voltage V_{OC} (V)	24,02
Module Efficiency (%)	23,14

ELECTRICAL SPECIFICATIONS[1] (NMOT[3])

Rated Power P_{MPP} (Wp)	216,14
Max. Power Current I_{MPP} (A)	11,71
Max. Power Voltage V_{MPP} (V)	18,46
Short-circuit Current I_{SC} (A)	13,45
Open-circuit Voltage V_{OC} (V)	22,88

BIFACIAL PRFORMANCE (STC[4], 135 W/M² REAR SIDE)

Rated Power P_{MAX} (Wp)	311,93
Max. Power Current I_{MPP} (A)	15,64
Max. Power Voltage V_{MPP} (V)	19,94
Short-circuit Current I_{SC} (A)	18,21
Open-circuit Voltage V_{OC} (V)	24,09

TEMPERATURE CHARACTERISTICS (STC)

Nominal Module Operating Temperature[3]	45 ± 2°C
Temperature Coefficient P_{MAX} (%/°C)	- 0,260
Temperature Coefficient V_{OC} (%/°C)	- 0,200
Temperature Coefficient I_{SC} (%/°C)	+ 0,050

OPERATING CONDITIONS

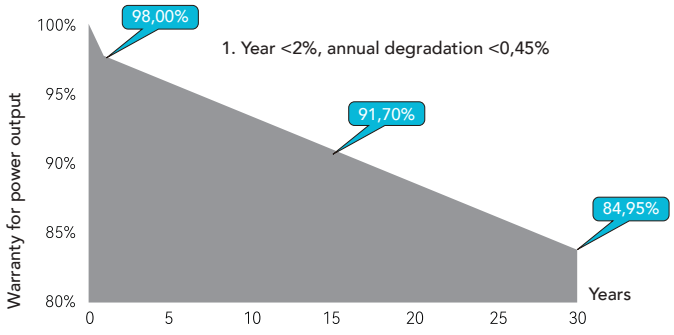
Operating temperature	-40 ~ +85°C
Max. System Voltag (VDC)	1500
Reverse Current I_R (A)	30
Max. Power tolerance (Wp)	0 / +4,99
Maximum bifaciality (%)	70 ± 10

[1]Measurements according to IEC 60904-3, measurements tolerance: ISC ±5%, VOC ±5%, PMPP +/-4%, Bifaciality: 70% ± 10% [2]Standard Test Conditions STC: irradiation 1.000 W/m² with a spectrum of AM 1,5 at a cell temperature of 25°C. [3]NMOT-Data: Nominal Module Operating Temperature at irradiation of 800W/m² and an ambient temperature of 20 °C. [4]Standard Test Conditions (STC): Irradiance on the rear side 135 W/m². Operation temperature range between -40°C and +85°C. All dimensions +/-3mm. Technical specifications subject to change. No liability is assumed for particulars. Designload= Rated Load, Testload = Testload. Please follow our installations instructions.

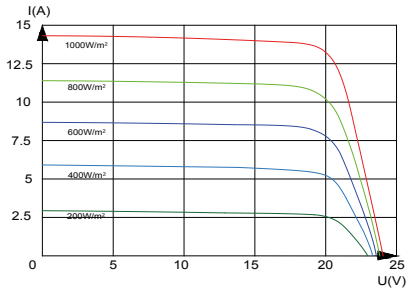
MODULE SPECIFICATIONS

Cell Technology	N-Type Back-Contact Technology
Cells Type	64 half cut cells (4x16)
Dimensions	1606 x 767 x 35mm
Weight	15,6kg
Front Glass	2,0mm partially heated strengthened AR-glass
Rear Glass	2,0mm partially heated strengthened glass
Frame	35mm black anodized aluminium frame
Junction Box	2 Diodes, IP68, according to IEC 62790
Connection Cable	4mm² Stäubli MC4-EVO 2A connector +/- (1500V)
Cable Length	2 x 1200mm
Max. Test-Load, push/pull	+5400Pa / -2400Pa*
Max. Design-Load, push/pull	+3600Pa / -1600Pa*

LINEAR POWER OUTPUT WARRANTY



I-V CURVE



CERTIFICATES & WARRANTIES

IEC 61215, IEC 61730
IEC 62716: Ammonia Corrosion
IEC 61701: Salt Mist Corrosion
IEC TS 62804: PID; IEC TS 63342: LeTID
IEC 60068: Dust & Sand
Fire protection class: C (IEC)
Hail resistance class: HW4
Product Warranty: 30 Years
Performance Warranty: 30 Years
WEEE-Reg.-No.: DE 42676826
31 Modules/Palettes, 868 Modules/40'HC

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Status: 10/2026| Illustration similar. Heckert Solar GmbH reserves the right to make changes to the specifications.