DCH High-Performance Panel

High Yields due to high-efficient Busbar-Technology. DCH modules guarantees higher conversion efficiency of the cells and an excellent low insulation utilization. The photovoltaic effect is used more effectively.

- Use of pre-selected cells only
- Narrow output tolerance
- Plus-sorted modules delivered!
- Wide temperature range
- High resistance to mechanical loads
- UV / Ozone resistant
- Flash-Data for each module provided
- Easy and fast Installation
- Self-supporting aluminium frame
- System voltage up to 1000V/1500V

DCH310W Mono PERC-Black

25 Years Solar Modules Power Guarantee
10 Years Quality Guarantee

Nominal Power | 310 Wp
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Voltage at max. power Umpp | 33.20 V
Current at max. power Impp | 9.35 A
Open circuit voltage Uoc | 40.30 V
Short circuit current Isc | 9.98 A

Efficiency | 18.94 %
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Nominal power tolerance | 0~+3%
Temperature Coefficient Pm%°C | -0.4200%°C
Temperature Coefficient Uoc%°C | -0.3300%°C
Number of Bypass-Diodes | 3 Pieces
Junction Box | Protection type: IP67 with spring-cage term
Solar cells per module | 60 Pieces
Solar cell type | Mono PERC 156.75 x 156.75 mm 5BB
Connection | Junction-Box with 3 bypass-diodes
Double isolated, UV-Resistant 4 mm² cable with MC4 connector
ca. 1000 mm each
Max. system voltage | 1000V
Operating temperature range | -40 ~ +85°C
Dimensions (tolerance +/- 1 mm) | 1640 mm x 990 mm
Frame Height (tolerance +/- 1 mm) | 35 mm, silver anodized Al alloy
Weight | ca. 18.5 kg
Laminat/Glas | 3,2 mm Tempered Coated
Colouring | Back side: Black
Hail test: | Maximum diameter of 25mm with an impact speed of 23 m/s
Max. pressure allowed: | Max. 5400 N/m²

Data applies to Standard Test Conditions (STC): Irradiance 1000W/m² with an AM of 1,5 and a cell temperaure of 25°C